

IEEE ComSoc Community Directory

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& STAFF

2014



IEEE



**IEEE
COMMUNICATIONS
SOCIETY**

Board of Governors



Sergio



Vijay



Harvey



Doug



Stan



Stefano



Jack



Khaled



Hikmet



Stefano



Sarah
Kate



Robert



Len



Steve



Nelson



Tarek



Chengshan



Michele



Elena



Ashutos



Koichi



Wanjiun



Hanna



Pedro



Merrily



Curtis



Mehmet



Alex



Angel



John



Nirwan



Hans-
Martin



Neelesh



David



Sonia



Xuemin



Hsiao-Hwa



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 Doug ZuckermanParliamentarian
 Stan MoyerTreasurer
 Stefano Galli Chief Information Officer
 Jack HowellExecutive Director

Vice Presidents

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 Hikmet Sari Conferences
 Stefano Bregni Member Relations
 Sarah Kate WilsonPublications
 Robert Fish Standards Activities

Directors

Len Cimini Journals
 Steve Gorshe Magazines
 Nelson Fonseca ...Conference Development
 Tarek El-Bawab Conference Operations
 Chengshan Xiao Conference Publications
 Michele Zorzi Education & Training
 Elena Neira Online Content
 Ashutosh Dutta Marketing & Industry
 Relations
 Koichi Asatani Membership Programs
 Development
 Wanjiun Liao Asia/Pacific Region
 Hanna Bogucka Europe, Middle-East
 & Africa Region
 Pedro AguileraLatin American Region
 Merrily Hartmann ... North American Region
 Curtis Siller Sister & Related Societies
 Mehmet Ulema Standards Development
 Alex GelmanStandardization Programs
 Development

Members At Large

2012-2014

Merrily Hartmann
 Angel Lozano
 John S. Thompson
 Chengshan Xiao

2013-2015

Nirwan Ansari
 Hans-Martin Foisel
 Neelesh Mehta
 David Michelson

2014-2016

Sonia Aissa
 Xuemin (Sherman) Shen
 Hsiao-Hwa Chen
 Nei Kato

COMSOC COMMUNITY

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Information updated as of April 1st When additional information is provided,
it will be updated on the Web pages (www.comsoc.org)

IEEE COMMUNICATIONS SOCIETY

ORGANIZATION

BOARD OF GOVERNORS

ELECTED OFFICERS 2014-2015 (voting)

President	Sergio Benedetto *
Past President	Vijay Bhargava*
Vice President-Technical Activities	Khaled B. Letaief*
Vice President-Conferences	Hikmet Sari*
Vice President-Member Relations	Stefano Bregni*
Vice President-Publications	Sarah Kate Wilson*
Vice President-Standards Activities	Robert Fish*

APPOINTED OFFICERS 2014-2015 (non-voting)

Treasurer.....	Stan Moyer*
Parliamentarian	Doug Zuckerman*
Chief Information Officer (CIO)	Stefano Galli
Director-Journals	Len Cimini
Director-Magazines	Steve Gorshe
Director-Conference Development	Nelson Fonseca
Director-Conference Operations	Tarek El-Bawab
Director-Conference Publications	Chengshan Xiao
Director-Education & Training	Michele Zorzi
Director-Online Content	Elena Neira
Director-Marketing & Industry Relations	Ashutosh Dutta
Director-Membership Programs Development	Koichi Asatani
Director-Asia/Pacific Region	Wanjiun Liao
Director-Europe, Middle-East & Africa Region.....	Hanna Bogucka
Director-Latin America Region	Pedro Aguilera
Director-North America Region	Merrily Hartmann
Director-Sister & Related Societies	Curtis Siller
Director-Standards Development	Mehmet Ulema
Director-Standardization Programs Development..	Alex Gelman
Executive Director	Jack Howell*
Recording Secretary	Carole Swaim

MEMBERS-AT-LARGE (elected-voting)*

2012-2014

Merrily Hartmann
Angel Lozano
John S. Thompson
Chengshan Xiao*

2013-2015

Nirwan Ansari*
Hans-Martin Foisel
Neelesh Mehta
David Michelson

2014-2016

Sonia Aissa*
Xuemin (Sherman) Shen
Hsiao-Hwa Chen
Nei Kato

IEEE DIVISION III (elected-voting)

Director Harvey Freeman*

* Operating Committee (OpCom) attendees ComSoc Directors, and CIO attend each meeting as determined by President

TECHNICAL ACTIVITIES



Khaled Letaief
Vice President

Vice President Khaled B. Letaief
Staff Carol Cronin, Carole Swaim

TECHNICAL ACTIVITIES COUNCIL

Chair Khaled B. Letaief
Vice Chair Xuemin (Sherman) Shen

Technical Committee Chairs

Ad Hoc & Sensor Communications & Networks Nei Kato
Cognitive Networks..... David Grace
Communications & Information Security Peter Muller
Communications Quality & Reliability Hideaki Yoshino
Communications Software Abdallah Shami
Communications Switching & Routing Mohammed Atiquzzaman
Communications Systems Integration & Modeling ... Stefano Giordano
Communication Theory Angel Lozano
Computer Communications James Sterbenz
Data Storage Haitao (Tony) Xia
e-Health Joel Rodrigues
Green Communications & Computing Jinsong Wu
Information Infrastructure & Networking Sidi Mohammed Senouci
Internet Jaime Lloret Mauri
Multimedia Communications Jianwei Huang
Network Operations & Management Lisandro Granville
Optical Networking Admela Jukan
Power Line Communications Andrea Tonello
Radio Communications Andrea Conti
Satellite & Space Communications Igor Bisio
Signal Processing & Communications Electronics
..... Nallanathan Arumugam
Transmission, Access & Optical Systems Tarek El-Bawab
Wireless Communications Ross Murch

Boards & Standing Committee Chairs in TAC

Standing Committees

AwardsLajos Hanzo
Communications History Steve Weinstein
Distinguished Lecturers Selection Xuemin (Sherman) Shen
Emerging Technologies Zhisheng Niu
Fellow Evaluation Kin Leung
GLOBECOM/ICC Technical Content Mike Devetsikiotis
Technical Committees Recertification Khaled Letaief

Education & Training Board

Chair Michele Zorzi
Staff John Pape

Members at Large (appointed by Chair)

David Matolak, Univ. of South Carolina	Tarek El-Bawab, Jackson State Univ.
David Michelson, Univ. of British Columbia	Neelesh Metha, Indian Inst. of Sci., Bangalore
Fabrizio Granelli, Univ. of Trento	Eric Luther, National Instruments
Rulei Ting, AT&T	

Working Group and Ad Hoc Chairs

WCET Certification (AdHoc) Rulei Ting
Telecommunications Engineering Education in US Tarek El-Bawab
ComSoc Training Fabrizio Granelli
ComSoc Tutorials and Workshops David Michelson
ComSoc Resources for Educators and Trainers Eric Luther

Other Members

Director, Marketing & Creative Products..... John Pape
Director, Conference Operations Tarek El-Bawab
Director, Marketing & Industry Relations Ashutosh Dutta
Director, Membership Programs Development Koichi Asatan

TECHNICAL COMMITTEES

Our technical committees define and implement the technical directions of the Society. As a fundamental element of the Society, all members are invited - and encouraged - to participate in one or more of its technical committees. These committees - networks of professionals with common interests in communications - usually meet twice each year at major conferences. Throughout the year, these committees also play a major role in determining which events (conferences, workshops, etc) are technically co-sponsored by ComSoc.

Ad Hoc & Sensor Communications & Networks (AHSN)

Chair	Nei Kao
Vice Chair	Jalel Ben Othman
Secretary	Cheng Li
Standards Liaison	R. Vekatasha Prasad
Student Competition Program	Azzedine Boukerche

This committee serves as ComSoc's focal point in the area of wireless ad hoc and sensor networks technologies and will play an active role in stimulating and organizing leading- edge wireless ad hoc and sensor networks symposia, workshops, sessions and tutorials at ICC, GLOBECOM, SECON and other premier M&C venues.

Cognitive Networks (TCCN)

Chair	David Grace
Vice Chair Asia Pacific	Kandeepan Sithamparanathan
Vice Chair North America	Ekram Hossain
Vice Chair Europe/Africa	R. Venkatesha Prasad
Secretary	Periklis Chatzimisios
Standards Liaison	Mouli Chandramouli

The goal of TCCN is to provide a platform for its members in particular, and the cognitive networking research, development, policy making and standardization community in general, to interact and exchange technical ideas to identify major challenges and also derive solutions in the development of cognitive networking technologies.

Communications & Information Security (CIS)

Chair	Peter Muller
Vice Chair for Conferences	Yi Qian
Vice Chair for Publications	Kejie Lu
Secretary	Xiaodong Lin
Standards Liaison	Neeli Prasad
Student Competition Program	Kai Zheng

This committee promotes security of all types of communication networks and forms of information transported therein, end to end. Security interests start from the network physical layer, ending at the user application layer. It focuses on secure methods and techniques that guard the privacy and information of the user as transported by the network.

Communications Quality & Reliability (CQR)

Chair	Hideaki Yoshino
Chair-Elect	Carol Davids
Vice Chair-Operations	Tetsuya Yokotani
Vice Chair-Publications	Weider Yu
Treasurer	Kevin Krantz
Secretary	Scott Poretsky
Chair - Advisory Board	Kelly Krick
Standards Liaison	Hideaki Yoshino

This committee focuses on and advocates worldwide communications quality and reliability on behalf of and within the Communications Society. CQR serves as the catalyst for global awareness and the exchange of information relative to technical and management-related aspects of communications quality and reliability.

Communications Software (CommSoft)

Chair	Abdallah Shami
Vice Chair	Lynda Mokdad
Secretary	Hacene Fouchal
Standards Liaison	Jaime Lloret
Student Competition Program	Joel Rodrigues

The mission of this committee is to advance the state of the art in communications software and its various aspects and applications.

It serves as the major forum for discussion among communications software professionals in both the communications and computer industries.

Communications Switching & Routing (CSR)

Chair Mohammed Atiquzzaman
Vice Chair Abdelhamid Mellouk
Secretary Jun Zheng
Conferences Chair Nirwan Ansari
Standards Liaison Henry Suthon

The objective of this committee is to sponsor publications, conference technical sessions, workshops and topical meetings and discussions in the theory and applications of information switching. Specific areas include (but are not limited to) theory, architecture, traffic, performance, signaling protocol and networks, call and mobility control, services and features, planning, economic factors and management of switching systems.

Communications Systems Integration & Modeling (CSIM)

Chair Stefano Giordano
Vice Chair George Michailidis
Secretary Christos Verikoukis
Standards Liaison Harry (Charalobos) Skianis
Student Competition Program.....
.....Periklis Chatzimsios, George Michailidis

This committee is concerned with systems disciplines and modeling tools that facilitate the integration of information-transport equipment, subsystems, and networks into communications systems. The committee particularly addresses computer-aided modeling of integrated subsystems to answer architectural and performance questions.

Communication Theory (CTTC)

Chair Angel Lozano
Vice Chair Matthew Valenti

Secretary Erik Perrins
Standards Liaison Sana Sfar
Student Competition Program Matthew Valenti

This committee sponsors conference sessions, workshops, and tutorials. It also promotes and reviews papers in the broad area of communication theory, with emphasis on applications to practical systems. The technical content of these sessions and papers focuses on the analytical and theoretical aspects of many diverse areas that include modulation, coding, synchronization, equalization, signal processing and neural networks, transmission over all media, source and channel coding, spread spectrum and multiple access, data communications, and communication networks.

Computer Communications (TCCC)

Chair James P.G. Sternbenz
Vice Chair Jörg Ott
Secretary Dan Massey
Standards Liaison Rango Rao Venkatesha

This committee sponsors papers, discussions, and standards on all aspects of computer-communication systems. It provides a forum for members to broaden professional contacts and for technical discussions and interactions. Its areas of interest include performance of computer network and switch architectures, interfaces and protocols, configuration control, scheduling and buffer management, routing, flow control and admission control algorithms, error control, and network security, reliability, and management.

Data Storage (TCDS)

Chair Haitao (Tony) Xia
Vice Chair (Academia) Sedat Olcer
Vice Chair (Industry) Xinde Hu
Secretary Brian M. Kurkosi
Treasurer Kui Cai
Standards Liaison Tiffany Jing Li
Student Competition Program Haitao (Tony) Xia

This committee focuses on and promotes advances in areas such as coding for data storage, signal processing for data storage,

information theory, and storage networks. Its interests are expanding to include emerging areas such as storage area networks and network codes, software for data storage management, servo strategies, and circuits for data storage, etc.

e-Health

Chair Joel Rodrigues
 Vice Chair Nazim Agoulmine
 Secretary / Standards Liaison His-Pin Ma

This committee focuses on exploring ICT solution gaps and business models supporting emerging eHealth applications and services, as well as exploring project collaboration opportunities addressing global health challenges with IEEE sister societies and governments around the globe. The focused technical areas include eHealth network and system infrastructures (eg, health grid, cloud computing, etc), net-centric health and healthcare application developments, ICT-enabled personalized healthcare and management, and ICT-enabled smart medical devices and systems. This committee provides a platform to ComSoc members not only for technical information exchange (e.g., conferences and workshops) but also for project-based collaborations with IEEE and non-IEEE organizations.

Green Communications & Computing

Chair Jinsong Wu
 Vice Chairs Rod Tucker, Stephen McLaughlin, Yu Cheng
 Industrial Liaisons..Chih-Lin I, Daniel C. Kilper, Juergen Quittek
 Advisors Tariq Durrani, John Cioffi,
 Gee Rittenhouse, Zhisheng Niu, Leonid Kazovsky
 Secretary Jaafar M.H. Elmirghani
 Student Competition Program Jinsong Wu

The goal of TCGCC is to provide a platform for its members, and the whole research, development, standardization, and service community of energy- and/or resource- efficient and/or environment-sustainable communications, computing, and relevant systems, to interact and exchange technical ideas, to identify major research and development challenges, and to collaborate and investigate solutions in the development of energy-sustainable, resource-saving, and

environment-friendly green communications and computing technologies. The areas this committee addresses are quite interdisciplinary due to the inherent features of the relevant green topics. This committee not only addresses greening communications, computing, and relevant systems but also investigates using communications, computing, and relevant systems to achieve green objectives for the sustainable world.

Information Infrastructure & Networking (IIN)

- Chair Sidi Mohammed Senouci
- Vice Chair Nidal Nasser
- Secretary Rami Langar
- Student Competition Program Periklis Chatzimisios

Working in concert with other technical committees, the objective of IIN is to facilitate the cohesive advancement of information infrastructures and supportive technologies to enable global networking to guarantee distribution and accessibility of any kind of data in any format, to anywhere, at anytime, on any media, and with any access tool. Social responsibility, including green operations and the narrowing of the “digital divide” are key precepts.

Internet (ITC)

- Chair Jaime Lloret Mauri
- Vice-Chair Stefano Secci
- Secretary Dijiang Huang
- Standards Liaison Periklis Chatzimisios
- Student Competition Stefano Secci

This committee is a joint committee of the Internet Society and the Communications Society for stimulating interdisciplinary exchanges and applications of state-of-the-art communications and related technologies to Internet infrastructure and services. The committee contributes to the emergence of a ubiquitous, multimedia, and high-performance Internet serving large segments of the world’s population.

Multimedia Communications (MMC)

- Chair Jianwei Huang
- Steering Committee Chair Pascal Frossard

Vice Chair-North America	Chonggang Wang
Vice Chair-Asia	Yonggang Wen
Vice Chair-Europe	Luigi Atzori
Vice Chair-Letters & Member Communications	Kai Yang
Secretary	Liang Zhou
Student Competition Program	Wen Yonggang

This committee examines systems, applications, services and techniques in which two or more media are used in the same session. These media include (but are not restricted to) voice, video, image, music, data, and executable code. The scope includes conversational, presentational, and transactional applications and the underlying networking systems to support them.

Network Operations & Management (CNOM)

Chair	Lisandro Granville
Vice Chair	Deep Medhi
Technical Program ChairFilip de Turck
Secretary	Shingo Ata
Standards Liaison	Marcus Brunner
Student Competition Program	Filip de Turck

This committee focuses on network and service operations and management. It encourages the exchange of information on the technical, operational, and business management aspects of public and private networks for voice, data, image, and video. It organizes and sponsors publications and symposia on these topics. Specific technical interests include automation of network operations, customer network management and control, real-time management of networks, network-operations architecture, service and business management, and end-to-end management across technologies and several jurisdictional boundaries.

Optical Networking (ONTC)

Chair	Admela Jukan
Vice-Chair	George Rouskas
Secretary	Xiaojun (Matt) Cao
Standards Liaison	Josue Kuri
Student Competition Program	Xiaojun (Matt) Cao

This committee serves as ComSoc’s focal point in the area of optical networking technologies and plays an active role in stimulating/organizing leading-edge optical networking symposia, workshops, sessions and tutorials serving OFC/NFOEC and other premier M&C venues. ONTC also serves as a proactive facilitator in the dissemination of evolving optical networking standards by working closely with standards forums such as OIF, IETF, and ITU/T1.

Power Line Communications (PLC)

- Chair Andrea Tonello
- Vice Chair Haniph Latchman
- Secretary Gerd Bumiller
- Standards Liaison Haniph Latchman
- Student Competition Program..... Danilo Zanatta,
Virginie Degardin

The committee sponsors conference sessions, special issues, workshops, tutorials, and promotes the dissemination of technical information in the broad area of communications over power lines. The primary goal is to serve as a focal point for all activities in the area of power line communications.

Radio Communications (RCC)

- Chair Andrea Conti
- Vice Chair Jiangzhou Wang
- Secretary Andrea Giorgetti
- Standards Liaison George Chrisikos
- Student Competition Program Alberto Rabbachin

This committee sponsors and promotes technical publications, conferences/symposia/workshops, tutorials and other related activities on the engineering aspects of communications systems, equipment, and operation in which electromagnetic signals transmission through space near the earth’s surface is the dominant factor. Specifically included are systems in which the transmission follows the surface or takes place within the atmosphere of the earth. Technologies are considered for point-to-point, point to multipoint, mobile radio, and mobile radio communications access. (Commercial band broadcasting and space communications are outside the scope of the Committee).

Satellite & Space Communications (SSC)

Chair	Igor Bisio
Vice Chair	Hiromitsu Wakana
Secretary	Tomaso de Cola
Standards Liaison	Henry Suthon
Student Competition Program	Igor Bisio

This committee facilitates technical interchange in the field of satellite and space communications. It explores the evolution of new satellite and space-based systems and the application of new and emerging technologies, at all layers of the network protocol suite. The Committee maintains a keen interest in the development and maintenance of standards in this area.

Signal Processing & Communications Electronics (SPCE)

Chair	Nallanathan Arumugam
Vice Chair	Hai Lin
Secretary	Octavia Dobre
Standards Liaison	Hai Lin
Student Competition Program	Fei Fei Gao

This committee sponsors papers, participates in the organization of conferences, and promotes technical workshops on those aspects of communications that pertain to the innovation, development and application of algorithms and electronic and photonic devices or subsystems for generation, processing, storage, transmission, recovery, and presentation of communications signals. The committee also has, as a goal, the professional development of committee members and other practitioners that work in the above areas.

Transmission, Access & Optical Systems (TAOS)

Chair	Tarek El-Bawab
Vice Chair	Michael Devetsikiotis
Secretary	Ahmed Kamal
Standards Liaison	Frank Effenberger
Student Competition Program	Tarek El-Bawab

This committee sponsors and organizes papers, conference sessions, workshops and standards development relating to both optical and metallic guided media transmission and access systems for the transport of speech, data, and visual information of any bandwidth. Specific areas of interest include: photonic systems and networks; testing and performance of analog and digitally transmitted signals; systems and equipment for subscriber access over fiber, coaxial cable, and twisted copper pairs; analog and digital subscriber lines over wires and interfaces to wireless media; inductive coordination and electrical protection of wired media; network synchronization; and development of IEEE-oriented standards.

Wireless Communications (TCWC)

Chair Ross Murch
Vice Chair Tarik Taleb
Secretary Shuguang Cui
Standards Liaison Xuemin (Sherman) Shen
Student Competition Program Abd-Elhamid M. Taha

The mission this committee is to sponsor publications, conferences, technical sessions, workshops, and other information exchanges on architectures, applications, systems, terminals and technologies to provide wireless, mobile, location-independent communication and computing in voice, data and visual media. Its areas of interest include techniques for achieving portability, ubiquity and transparency using mobile and wireless cellular networks ranging from physical layer, MAC layer, network layer to application layer.

CONFERENCES



Hikmet Sari
Vice President

Vice President Hikmet Sari
Staff Bruce Worthman, Debora Kingston,
June Leach-Barnaby, Gayle Weisman

CONFERENCES COUNCIL

Chair Hikmet Sari

Members

Director - Conference Development Nelson Fonseca
Director - Conference Operations Tarek El-Bawab
Director - Conference Publications Chengshan Xiao
Chair - GLOBECOM/ICC Management & Strategy.....
..... Paul Hartmann
Chair - GLOBECOM/ICC Technical Content.. Mike Devetsikiotis

Conference Development Board

Chair Nelson Fonseca

Conference Operations Board

Chair Tarek El-Bawab
Treasurer Stan Moyer

Conference Publications Board

Chair Chengshan Xiao

Members-at-Large

 Members serve on all three boards

(Appointed by Directors)

- | | |
|-----------------------------------|--|
| Vincent Chan (<i>OFC</i>) | Stan Moyer (<i>Treasurer</i>) |
| Rob Fish (<i>Standards</i>) | Heiner Stuttgen (<i>ICEC</i>) |
| Tom Hou (<i>INFOCOM</i>) | Ken Young (<i>Milcom</i>) |
| Abbas Jamalipour | Azzeddine Boukerche (<i>TAC Liaison</i>) |
| Khaled B. Letaief (<i>WCNC</i>) | |

The Conference Development, Conference Operations and Conference Publications Boards hold their meetings concurrently at ICC and GLOBECOM.

Standing Committees

- GLOBECOM/ICC Management & Strategy (GIMS) *(Reports to VP-C)*
..... Paul Hartmann
- GLOBECOM/ICC Technical Content (GITC) *(Reports to VP-C)*
..... Mike Devetsikiotis
- Industry Content & Exhibition (ICEC) *(Reports to Pres.)*
..... Heiner Stuttgart

COMSOC PORTFOLIO EVENTS

UPCOMING CONFERENCES

Embrace cutting-edge technologies at IEEE Communications Society sponsored global events. Every year, thousands of participants come to discover new ideas, explore innovative solutions, and network with the leaders who are changing the world of communications.

ATC

International Conference on Advanced Technologies for
Communication

ATC covers a comprehensive range of communication and electronics technologies contributing toward a “Flat World” of communications. It gives a focus on intelligence and security issues for advanced communication systems and services, as well as emerging technologies and applications.

ATC 2014 – Hanoi, VIETNAM

<http://www.rev-conf.org>

General Chairs Robert Heath, Nguyen Xuan Quynh, Le Huu Lap
Technical Program Chairs Arumugam Nallanathan,
Trung Q. Duong, Vo Nguyen Quoc Bao
Steering Committee Chairs... Phan Anh, Sergio Benedetto, Hoang Minh

IEEE ANTS

Advanced Networks & Telecommunication Systems

ANTS fosters strong relationship in the telecom field across diverse stakeholders: from industry to academics to government; from researchers to practitioners to business professionals; from system vendors to equipment manufacturers to telecom network operators.

IEEE ANTS 2014 – New Delhi, INDIA

www.ieee-comsoc-ants.org

Technical Program Chair..... Bala Krishna Maddalia
Steering Committee Chair Sudhir Dixit

IEEE CAMAD

International Workshop on Computer-Aided Modeling,
Analysis and Design of Communication Links and Networks

The IEEE International Workshop on Computer-Aided Modeling, Analysis and Design of Communication Links and Networks (CAMAD) represents a unique forum for discussion of recent developments in analytical and simulation tools, and techniques for the performance evaluation of communications systems, bringing together top-level engineers and researchers from around the globe.

IEEE CAMAD 2014 – Athens, GREECE

www.ieee-camad.org

General Chairs Charalabos Skianis, Christos Verikoukis
Technical Program Chairs Nikos Passas, George Koudouridis,
Ozgur B. Akan, Barak Kantarci
Steering Committee Chair Fabrizio Granelli

IEEE CCNC

Consumer Communications & Networking Conference

CCNC represents a singular opportunity for consumer electronic manufacturers to join with communications and networking manufacturers and service providers. It represents the latest approaches and technical solutions in the area of home networking and consumer networking.

IEEE CCNC 2015 – Las Vegas, NV, USA

www.ieee-ccnc.org

General Chair Henry Holtzman
Technical Program Chair Yacine Ghamri-Doudane
Steering Committee Chair Robert Fish

IEEE CCW

Workshop on Computer Communications

The Annual Workshop on Computer Communications is the annual flagship meeting of the Technical Committee on Computer Communications. It provides a small, intimate setting and a relaxed ambiance, where participants can concentrate on technical interchange with their colleagues and enjoy unique social events and experiences.

IEEE CCW 2014 - TBD

www.ieee-ccw.org

Steering Committee Chair James Sterbenz

IEEE CQR

International Communications Quality & Reliability Workshop

The annual IEEE CQR International Workshop is held with the purpose of bringing together industry and academic experts to present and discuss communications quality, reliability and security issues as they relate to real world issues.

IEEE CQR 2014 – Tucson, AZ, USA

www.ieee-cqr.org

General Chair Martin Guldberg

Technical Program Chair Katsunori Yamaoka

IEEE CTW

Communications Theory Workshop

The workshop is held every Spring and features invited talks on the latest research in communication theory from the world's leading researchers.

IEEE CTW 2014 – Piscadera Bay, Caracao, NETHERLAND ANTILLES

www.ieee-ctw.org

General Chair Leszek Szczecinski

Technical Program Chairs Witold Krzymien, Wei Yu

Steering Committee Chair Angel Lozano

IEEE DySPAN

Symposium on New Frontiers in Dynamic Spectrum Access Networks

Bringing technologists together with the spectrum policy community charged with re-architecting the legal regime for managing spectrum in the 21st century to accommodate new technologies.

IEEE DySPAN 2015 – Stockholm, SWEDEN

www.ieee-dyspan.org

General Chair Jens Zander
Technical Program Chair TBD
Steering Committee Chair Milind M. Buddhikot

IEEE EDOC

Enterprise Distributed Object Computing Conference

EDOC addresses the full range of engineering technologies and methods contributing to enterprise distributed application systems.

IEEE EDOC 2014 – Ulm, GERMANY

www.edocconference.org

General Chair Manfred Reichert
Technical Program Chairs Stefanie Rinderle-Ma, Georg Grossman
Steering Committee Chair Joao Paulo A. Almeida

IEEE GLOBECOM

Global Communications Conference

One of the Communications Society's flagship conferences. It provides a full program of technical and professional activities spanning the range of hot topics in voice, data, image and multimedia communications.

IEEE GLOBECOM 2014 – Austin, TX, USA

www.ieee-globecom.org/

General Chair John Donovan
Technical Program Chairs Jeff Andrews, Robert Heath
GLOBECOM/ICC Steering Committee Chairs Paul Hartmann,
Michael Devetsikiotis

IEEE ICC

International Conference on Communications

Featuring the latest developments in telecommunications from a technical perspective. Subjects include Communications Theory, Wireless Communications, Wireless Networking, Optical Networking, Next Generation Networks, etc.

IEEE ICC 2014 – Sydney, AUSTRALIA

www.ieee-icc.org/2014

General Chair Farzad Safaei
Technical Program Chair Abbas Jamalipour
GLOBECOM/ICC Steering Committee Chairs Paul Hartmann,
Michael Devetsikiotis

IEEE IM

IFIP/IEEE International Symposium on Integrated Network Management

IM is one of the world's premier conferences on network management. It meets in odd-numbered years, typically during May.

IM 2015 – Ottawa, CANADA

www.ieee-im.org

General Chairs Wahab Almutadi, Raouf Boutaba
Technical Program Chairs Jin Xiao, Remi Badonel, Shingo Ata
Steering Committee Chair James Hong

IEEE INFOCOM

International Conference on Computer Communications

Addressing key issues related to recent advances in computer communications and networking. Bringing researchers, practitioners together to present the most up-to-date achievements.

IEEE INFOCOM 2014 – Toronto, CANADA

www.ieee-infocom.org

General Chair..... Alberto Leon-Garcia
Technical Program Chairs Giuseppe Bianchim,
Yuguang (Michael) Fang, Xuemin S. Shen
Steering Committee Chair Tom Hou

IEEE ISCC

International Symposium on Computers and Communications

The IEEE symposium on Computers and Communications started in 1995 in response to the growing interaction between the fields of computers and communications.

IEEE ISCC 2014 – Madeira, PORTUGAL

www.ieee-iscc.org

General Co-Chairs Sartaj Sahni, Rui L. Aguiar
Technical Program Chairs Sanguthevar Rajasekaran,
Susana Sargento, Mario Dantas
Steering Committee Chair Sartaj Sahni

IEEE ISPLC

International Symposium on Power Line Communications

A forum for the discussion of the issues associated with the use of electrical power distribution wires as a viable communication channel.

IEEE ISPLC 2014 – Austin, TX, USA

www.ieee-isplc.org

General Program Chairs Brian Evans, Alex Kwasinski
Technical Program Chairs Naofal Al-Dhahir, Anand Dabak
Steering Committee Chair Andrea Tonello

IEEE IWQoS

Workshop on Quality of Service

IWQoS has served as the prime annual workshop on Quality of Service, providing an international forum for the presentation and discussion of cutting edge research in the field. The scope of the workshop covers the main and currently important aspects of QoS research, including related issues such as availability, reliability, security, pricing, resource management, and performance guarantees.

IEEE IWQoS 2014 - Hong Kong, CHINA

www.ieee-iwqos.org

General Chair Jiannong Cao
Technical Program Chairs Jiangchuan Liu, Xin Wang
Steering Committee Chair Jun Xu

IEEE LAN/MAN

Workshop on Local & Metropolitan Area Networks

The IEEE LAN/MAN Workshop is as a leading forum for discussing the latest technical advances in networking in the local and metropolitan areas.

IEEE LAN/MAN 2014 - Rome, NV, USA

www.ieee-lanman.org

General Chairs Rittwik Jana, Murat Yuksel
Technical Program Chairs Dan Li, Suresh Subramanian
Steering Committee Chair K.K. Ramakrishnan

NOMS

IEEE/IFIP Network Operations & Management Symposium

Held in even-numbered years since 1988, NOMS continues to be the primary forum for technical exchange of research, standards, development, systems integrator, service providers, and user communities, presenting the latest approaches and technical solutions in the area of network operations and management.

NOMS 2014 – Krakow, POLAND

www.ieee-noms.org/2014

General Chairs Andrzej Pach, Doug Zuckerman
Technical Program Chairs Piotr Cholda, Hanan Lutfiyya
Steering Committee Chair Raouf Boutaba

IEEE PIMRC

IEEE International Symposium on Personal Indoor & Mobile Radio Communications

PIMRC has attracted major figures in the cellular, PCS, wireless LAN, and mobile data industries. Conference topics are presented in keynotes, tutorials, technical, and panel sessions.

IEEE PIMRC 2014– Washington, DC, USA

www.ieee-pimrc.org

General Chairs Anthony Ephremides, Wen Tong
Technical Program Chairs Kamran Sayrafian, Sennur Ulukus
Steering Committee Chair Hamid Aghvami

IEEE SECON

Conference on Sensor & Ad Hoc Communications & Networks

Providing a forum for exchanging ideas, techniques, and applications, among researchers, practitioners, standard developers, and policy makers.

IEEE SECON 2014 – SINGAPORE

www.ieee-secon.org

General Chair Chen-Khong Tham
Technical Program Chairs Guevara Noubir, Andreas Terzis
Steering Committee Chair Fred Bauer

IEEE WCNC

Wireless Communications & Networking Conference

WCNC, one of the world's foremost international technical conferences for engineers and researchers in wireless technologies, offers the best and most current tutorials, research results, industry-oriented technical content and perspectives on wireless communications, networks and systems.

IEEE WCNC 2015 – New Orleans, LA, USA

www.ieee-wcnc.org

General Chair Roberto de Marca
Technical Program Chairs Nirwan Ansari, Edit Bourgeois
Steering Committee Chair Khaled B. Letaief

MILCOM

IEEE/AFCEA Military Communications Conference

MILCOM offers a full program of technical sessions, tutorials, keynote speakers, and panel discussion focusing on information relevant to communication and information systems capabilities that address the 21st Century challenges of National Defense and Homeland Security.

MILCOM 2014 – Baltimore, MD USA

www.milcom.org

General Chair TBD
Technical Program Chair TBD

OFC

Optical Fiber Communication Conference & Exposition

The OFC audience spans the entire industry, from scientists and engineers to manufacturers and service providers. It provides the industry's most comprehensive view of optical technology — the latest research breakthroughs and innovations. ComSoc steering committee members: Loudin Blair, Vincent Chan, Bob Doverspike and Ori Gerstel. Long Range Planning Committee Rep: Doug Zuckerman.

OFC 2015 – San Francisco, CA, USA

www.ofconference.org

General Chairs Seb Savory, Clint Schow, Kathleen Tse
Technical Program Chairs Andrew Lord, Shu Namiki, Peter Winzer
Steering Committee Chair Loudin Blair

IEEE SmartGridcomm

IEEE International Conference on Smart Grid Communications

The IEEE International Conference on Smart Grid Communications (SmartGridComm) will focus on all communications aspects related to the Smart Grid initiative, an initiative that has the goal of achieving the modernization and optimization of the power grid so that it is more reliable, efficient, secure, and environmentally neutral. The conference will help bring together researchers from academia, industry and government to exchange novel ideas, explore enabling technologies, discuss innovative designs, and share trial experiences.

IEEE SmartGridcomm 2014 – Venice, ITALY

www.ieee-smartgridcomm.org

General Chairs Andrea Tonello, Michele de Nigris
Technical Program Chairs Vincent Wong, John McDonald,
Lars Nordström, Paolo Tenti
Steering Committee Chair Han Vinck

IEEE HPSR

International Conference on High Performance Switching & Routing

HPSR is focused on the technology of high-speed, high-capacity switches and routers, including architectural and algorithmic aspects of high-speed IP networks, possibly adopting optical technologies and wireless user access.

IEEE HPSR 2014 – Vancouver, CANADA

www.ieee-hpsr.org

General Chairs Ljiljana Trajkovic, Andrzej Jajszczyk
Technical Program Chairs Aleksandra Smiljanic, Rong Pan,
Ce-Kuen Shieh
Steering Committee Chair Hussein Mouftah

IEEE CogSIMA

IEEE Cognitive Methods in Situation Management

The IEEE CogSIMA Conference invites scientists and engineers from industry, academia, and government to present technical papers on their research and development results and operational experiences in areas of situation management, cognitive fusion, intelligent sensor networks, and related applications.

IEEE CogSIMA 2015 – Orlando, FL, USA

www.ieee-cogsima.org

General Chair Gabe Jakobson
Technical Program Chairs Mitch Kokar, Tom Ziemke
Steering Committee Chair TBD

IEEE P2P

IEEE International Conference on Peer-to-Peer Computing

IEEE P2P is an annual conference concerned with overlay network technologies and massively distributed systems and applications. Peer-to-Peer systems benefit from and share the resources owned by systems that are distributed around the Internet. Examples of such technologies include peer-to-peer applications and grids, and in general, any large-scale distributed system characterized by decentralization and sharing of resources.

IEEE P2P 2014 – London, UNITED KINGDOM

www.ieee-p2p.org

General Chair Gregory Chockler
Technical Program Chairs Indranil Gupta, Roger Wattenhofer
Steering Committee Chair Fabian Bustamante

IEEE ICME

International Conference on Multimedia & Expo

IEEE International Conference on Multimedia & Expo serves as a forum for the dissemination of state-of-the-art research, development, and implementations of multimedia systems, technologies and applications.

IEEE ICME 2014 – Chengdu, CHINA

www.icme2014.org

General Chairs ... Touradj Ebrahimi, Shipeng Li, Houjun Wang, Jie Yang
Technical Program Chairs..Xuelong Li, Zicheng Liu, Eckehard Steinbach,
Chengcui Zhang, Shao-Yi Chien, Dong Xu

IEEE VNC

IEEE Vehicular Networking Conference

IEEE Vehicular Networking Conference seeks to bring together researchers, professionals, and practitioners to present and discuss recent developments and challenges in vehicular networking (e.g., vehicle-to-vehicle and vehicle-to-infrastructure communications) technologies, and their applications (e.g., driving safety, traffic congestion reduction, mobile infotainment).

IEEE VNC 2014 - Paderborn, GERMANY

www.ieee-vnc.org/

General Chair Falko Dressler
Technical Program Chairs Suman Banerjee, Bjoem Scheuermann
Steering Committee Chairs Onur Altintas, Wai Chen

IEEE HEALTHCOM

IEEE International Conference on E-Health Networking Applications
& Services

Healthcom brings together interested parties from around the world working in the health care field to exchange ideas, to discuss innovative and emerging solutions and to develop collaborations; participants include clinicians, hospital administrators, IT professionals, researchers, educators, healthcare solutions vendors and consultants.

IEEE Healthcom 2014 – Natal, BRAZIL

www.ieee-healthcom.org

General Chairs Augusto Venâncio Neto, José Neuman de Souza
Technical Program Chairs Joel Rodrigues, Hsi-Pin Ma
Steering Committee Chair Joel Rodrigues

IEEE ONLINEGREENCOMM

IEEE Online Conference on Green Communications

OnlineGreenCom is an online conference that reduces CO2 emissions by not requiring participants to travel. It features the latest developments in green communications covering energy-efficient communication technologies as well as communications for green technologies. Subjects include methodologies and architectures for energy efficiency, energy efficient protocols and networks, energy management, and communications for smart grids, green buildings, energy efficient transport and logistics.

IEEE ONLINEGREENCOMM 2014 - Virtual

www.ieee-onlinegreencom.org

General Chair Zhisheng Niu
Technical Program Committee Chairs Rose Hu, Mario Pickavet,
Honggang Zhang
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IEEE ICC

IEEE Conference on Communications in China

Aiming at realistic globalization by extending ComSoc reach to fast-growing regions By collaborating with local sister societies and leading research institutes, the conference will be held every year in greater China region and feature major technical symposia, industry forums, invited sessions, tutorials, panels, and workshops.

IEEE ICC 2014 - Shanghai, CHINA

www.ieee-iccc.org

General Chairs Hui Liu, Xinsheng Zhang, Wen Tong
Technical Program Chairs Vincent Lau, Meixia Tao, Guang Shi,
Teng Joon Lim
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IEEE Latin Cloud

IEEE Latin America Conference on Cloud Computing and Communications

The Cloud Computing and Communications paradigm has defined unprecedented business models, promoting on-demand computing, resource allocation, elastic scaling and the elimination of up-front costs. Such new paradigm has already changed the way we compute and communicate. To cope with technology challenges for the support of diverse services and applications, The IEEE Latin America Conference on Cloud Computing and Communications aims to be the forum to discuss such advances. It is organized by the ComSoc Latin America Region.

IEEE Latin Cloud 2014 – Rio de Janeiro, BRAZIL

www.ieee-latincloud.org

General Chair TBD
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Steering Committee Chair Nelson L. S. Fonseca

IEEE LatinCom

IEEE Latin-American Conference on Communications

LATINCOM is an international conference organized by the ComSoc Latin America Region. It is held annually and attracts submissions and participants from all around the world. It covers the scope of all ComSoc Technical Committees and has a broad technical program that includes renowned keynote speakers and comprehensive tutorials presenting the state of the art in communications. Its prime target is to provide a platform for researchers and practitioners in Latin America to share R&D results, to meet and to network. It is an offer of the Communication Society to reach out to its members in Latin America and to offer them a venue meeting the specific needs of their region.

IEEE LatinCom 2014 – Cartagena, COLOMBIA

www.ieee-latincom.org

General Chair Jose David Cely
Technical Program Chair Christos Verikoukis
Steering Committee Chair Nelson Fonseca

IEEE CloudNet

IEEE International Conference on Cloud Networking

Cloud computing has emerged as a promising direction for cost-efficient and reliable service delivery across data communication networks. The dynamic location of service facilities and the virtualization of hardware and software elements are stressing the communication network and protocols, especially when datacenters are interconnected through the Internet. Although the "computing" aspects of Cloud technologies have been largely investigated, lower attention has been devoted to the "networking" and communications aspects. The IEEE International Conference on Cloud Networking (IEEE CloudNet) precisely addresses these aspects.

IEEE CloudNet 2014 – Luxemburg

<http://www.ieee-cloudnet.org/>

General Chairs Dzmityr Kliazovich, Albert Y. Zomaya, Pascal Bouvry
Technical Program Chairs. Samee U. Khan, Lizhe Wang, El-Ghazali Talbi
Steering Committee Chair Raouf Boutaba

IEEE CNS

IEEE Communications And Network Security

Dedicated to Communications and Network Security, IEEE CNS will focus on the communications-oriented aspects of security and will serve as a premier forum for mobile, wireless, and communications cyber security researchers, practitioners, policy makers, and users to exchange ideas, techniques and tools, raise awareness, and share experience related to security and privacy. Topics of interest encompass all practical and theoretical aspects of communications and network security, from the physical layer to the various network layers to the variety of applications reliant on a secure communication substrate.

IEEE CNS 2014 – San Francisco, CA, USA

www.ieee-cns.org

General Chairs Cliff Wang, Guoliang "Larry" Xue
Technical Program Chairs Yan Chen, Radha Poovendran
Steering Committee Chair Wenjing Lou

IEEE WF-IOT

World Forum on Internet of Things

The WF-IOT seeks to investigate how progress in technologies and applications of Internet of Things can be nurtured and cultivated for the benefit of society.

IEEE WF-IOT 2014 – Seoul, SOUTH KOREA

<http://sites.ieee.org/wf-iot>

Chair Roberto Minerva
Technical Program Chair Enrico Scarrone

IEEE BlackSeaComm

The IEEE BlackSeaCom series of conferences are held in the countries surrounding the Black Sea. The goal of the IEEE BlackSeaCom is to bring together visionaries in academia, research labs and industry from all over the world to the shores of the Black Sea. Here they will address many of the outstanding grand challenges that exist in the

areas of communications and networking while having an opportunity to explore this exciting and dynamic region that has a rich history.

IEEE BlackSeaComm - Chisinau, MOLDOVA

www.ieee-blackseacom.org

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*Technically cosponsored publications are found at the web sites
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Related Societies

Armed Forces Communications and Electronics Association (AFCEA)

Association of Computing Machines (ACM)

EastWest Institute (EWI)

IEEE Societies (CS, SPS, CAS, LEOS, PES, MTT)

International Telecommunications Union (ITU)

Internet Society (ISOC)

Optical Society of America (OSA)

Pacific Telecommunications Council (PTC)

Sister Societies

ARAB Arab Information Union (AIU)

AUSTRALIA The Australian Computer Society (ACS-TSA)

BELGIUM Federation of Telecommunications

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 INDIA The Institution of Electronics &
 Telecommunications Engineers (IETE)
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 Infrastructure Association of India (CMAI)
 ISRAEL The Association of Engineers and Architects
 in Israel, Society of Electrical & Electronics Engineers (AEAI)
 ITALY Associazione Italiana per l'Informatica
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 ITALY Association for Information &
 Communications Technology (AICT)
 JAPAN The Institute of Electronics, Information &
 Communication Engineers (IEICE-CS)
 LATVIA Latvijas Informācijas Un Komunikācijas
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 MALAYSIA The Institution of Engineers, Malaysia (IEM)
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 MOROCCO Moroccan Association of Electrical,
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 RUSSIA The Russian Popov Society Institute of Radio
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 SINGAPORE Singapore Computer Society (SCS)
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http://www.ieee.org/about/volunteers/tab/tab_402.html

IEEE Major Boards & Standing Committees

http://www.ieee.org/about/corporate/standing_committees.html

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Society Sentinel (has calls for nominations - sent to Technical Activities volunteers)

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The Institute (has calls for nominations for IEEE positions)

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DISTINGUISHED LECTURER / SPEAKER PROGRAM

Provided as a service to our local chapters, Distinguished Lecture Tours and individual Distinguished Speakers can be arranged in response to a request from one or more Chapter Chairs. They may also be initiated by Regional Directors, the Director – Membership Programs Development, or the Vice President – Member Relations. Although tours and individual lectures are organized to benefit existing members and Chapters, they can also be effective in generating membership and encouraging new chapter formation.

Lecture tours will be supported as the budget allows in each of our four Regions: Asia/Pacific, Europe/Middle-East/Africa, Latin America, and North America. The Director in each region plays a key role as facilitator. No more than two tours will be allowed per year to each lecturer. Funding for will be in accordance with the following guidelines.

DISTINGUISHED LECTURER TOUR PROGRAM

Procedures

- Funding (approximately \$1000 - \$2000) for DISTINGUISHED LECTURE TOURS will be provided to enable a lecturer to address multiple groups during a lecture tour. Normally, no more than \$1,000 will be approved for chapters when they organize a DLT and choose a lecturer from the same ComSoc region. However, ComSoc will approve an additional allocation (minimal) on a case-by-case basis.*

For those chapters that organize DLTs and select lecturers from “other” ComSoc regions (requiring international travel), ComSoc will approve between \$1,500 and \$2,000 per tour. No more than two or three tours of this type will be approved per Region (For example, NA region may invite 2-3 DLs from other regions. LA

region may invite 2-3 DLs from other regions, etc) ComSoc will be flexible for this type of (international) DLT to enhance our globalization efforts. DLTs organized using “In-Region” lecturers will continue to be supported as budget allows.*

- DLT Tours involve a series of lectures – addressing at least three groups in three separate locations within reasonable geographical proximity to each other. DSP lecturers are for a single location.
- “Grassroots” organizers may be Chapters, Sections, local conference organizers, or even a group of members in an area where no ComSoc chapter exists. Organizers work directly with their Regional Director, who facilitates arrangements and recommends the tour to the Director - Membership Programs Development. Tour recommendations should take place at least two months before the tour begins and must include the following:

Chapters involved in the tour

Chapter Chairs and e-mails

If a university is involved, name of school, contact, and e-mail

Name and e-mail of Lecturer

Dates of each lecture

Location of each lecture

Estimated cost of lecturer’s air fare

For chapters desiring to host an individual lecture, the chairs can work directly with their Regional Director and DLT Coordinator. Regional Directors and DLT coordinators should be proactive in engaging the more passive or inactive chapters in DLT activities to help the chapters attract more members.

- The decision is the responsibility of the Director - Membership Programs Development with his/her final approval being announced two months prior to the tour.
- All arrangements must be made in advance with local sponsoring groups. The two-month “lead time” is recommended to allow time to obtain visas if necessary, time to advertise, etc.

- Please note that as part of the overall program, all lecturers must be willing to write a brief report for posting at the DL Site. They may also be asked to record their lecture after the tour for the Online Distinguished Lecturers Program. And, therefore, someone from IT staff would then contact you about recording the lecture as a Webinar.
- Funding for a tour is provided, to cover a lecturer's travel expenses. Living expenses, such as lodging and meals, plus transportation to and from the airport, are generally the responsibility of the local Chapter. Travel, lodging and meals must be booked at an economic rate acceptable for reasonable business travel. (Funding may include night before/after each lecture as required by the schedule to accommodate needs of local organizers.)
- After recording the lecture for the Online Distinguished Lecturers Program, expenses are submitted to ComSoc Headquarters in NYC (Carole Swaim) on an IEEE Expense form and approved by the Director - Membership Programs Development. Receipts must be provided (in accordance with IEEE and Communications Society rules). The lecturer must not profit financially from the lecture tour. The expense form is found at the Distinguished Lecturer web site:
www.comsoc.org/about/memberprograms/distinguished-lecturers.

*DLT Funding allocation under review

DISTINGUISHED SPEAKER PROGRAM

Procedures

This program involves a Distinguished Speaker already visiting the region and a single day event (lecture/seminar, etc.) organized by a chapter for the members of the chapter.

- A Distinguished Speaker (DS) can be a current or former Distinguished Lecturer, IEEE Fellow, or a well-known person from industry and academia who is not a current or former DL. All

Distinguished Speakers must be approved by the Director of MPD before the event.

- A Distinguished Speaker Program event is supported up to a maximum amount of \$500.00, which includes the following local expenses only: Lodging, meals, ground transportation, publicity, A/V, copying, etc. All local expense from the DS should occur in the same city of the event. Exception (such as a train ticket from other city to the event city) should be approved by the Director of MPD.
- Before the event, Local Chapter identifies a DS (or DS contacts a local chapter). Then the local chapter contacts the Regional DLT/DSP Coordinator, who, together with the local, chapter, works out the details of the talk and expenses. Regional Director should be involved as well. The DLT/DSP coordinator contacts Director-MPD to get the approval.
- After the event, the DS should submit a written event report to ComSoc, which will be posted on ComSoc web site. Then the DS sends the expense report to ComSoc (all local expense reimbursement should be submitted by DS, not local chapter). ComSoc contacts Director-MPD to get approval on the reports. Then, ComSoc sends the check to the DS. Finally, after the event, the local chapter should evaluate the speaker and provide feedback to DLT/DSP coordinator and the Director of MPD.

DISTINGUISHED LECTURERS

Appointments are 2 years (with an option of 2 additional years)

*term effective through 31 December 2014

**term effective through 31 December 2015

N. Agoulmine (Nazim) *

Nazim.Agoulmine@iup.univ-evry.fr
France

- Communication and Bio-Sensors Technologies Integration for Cost-Effective Ubiquitous Healthcare
- Energy Efficiency in Mobile Healthcare Systems
- Autonomic Fixed and Wireless Networks: Concepts and Implementations

S. Aissa (Sonia) *

aissa@emt.inrs.ca
Canada

K. Asatani (Koichi) *

asatanik@ieee.org
Japan

- NGN(Next Generation Networks) and FN(Future Networks)
- VoIP, IP Telephony
- Communications QoS & Reliability
- Access Networks
- Wireless LAN and Broadband Internet

- Regulatory Issues of NGN an Internet

N. Beaulieu (Norman) **

beaulieu@icoremail.ece.
ualberta.ca
Canada

R. Berry (Randall) **

rberry@eecs.northwestern.
edu
USA

- Spectrum Sharing Economics
- Interference Games
- Market design and dynamic spectrum sharing

A. Chan (Anthony) *

h.anthony.chan@huawei.co
mUSA

- Distributed mobility for future mobile Internet
- Wireless network and Internet standards
- Role of Telecommunication in

Developing Countries
and Digital Divide

- Unification with
Networking

**R. Chandramouli
(Rajarathnam) ***

mouli@stevens.edu

USA

- Dynamic Spectrum
Access Wireless
Networking
- Big Data Problems in
Social Network
Modeling and Analytics

G. Chrisikos (George) **

gchrisikos@ieee.org

USA

M. Dohler (Mischa) **

mischa.dohler@cttc.es

UK

- Machine-to-Machine:
Technologies, Standards and
Applications
- ICT Technologies in Smart
Cities and Smart Grids
- Femtocells: Technologies,
Standards and Applications
- Cognitive and Docitive
Networks
- Design Principles Towards 5G
High-Capacity Systems

J. Elmirghani (Jaafar) *

j.m.h.elmirghani@leeds.ac.uk

UK

- Energy efficient core networks

- Renewable energy in core ar
data centre networks
- Green content distribution
networks
- Energy efficient Peer-to-Pee
and IPTV networks
- Optical wireless
communication systems
- Multigigabit indoor optical
wireless multi-user and
cooperative systems

M. Fang (Yuguang Michael) * *

fang@ece.ufl.edu

USA

- A few selected research
issues in wireless networks
- Cross-layer design for
wireless networks
- Securing resource-
constrained wireless
networks
- Small world phenomena in
wireless ad hoc networks
- Secure network
connectivity and capacity
- Privacy and security for
mobile healthcare systems
- Wireless medium access
control protocols

X. Fu (Xiaoming) **

fu@cs.uni-goettingen.de

Germany

- Scaling Microblogging
Services with Divergent
Traffic Demands

- Extensible IP Signaling: Architecture, Protocols and Practice
- Network Friendly TCP for Background Delay-Insensitive Applications
- Aggregated TCP Congestion Control
- Fast Rerouting for IP Multicast Traffic in Managed IPTV Networks

E. Gelenbe (Erol) *

e.gelenbe@imperial.ac.uk
UK

- Smart Networks at the Edge
- Networks for Emergency Management
- Cognitive Packet Networks
- Bio-Inspired Networks
- Auction Systems and E-Commerce
- Product Form Networks – Discovery or Invention?
- Search in Infinite Unknown Environments

F. Granelli (Fabrizio) **

granelli@disi.unitn.it
Italy

- Green wireless networking: energy efficiency in wireless networks
- Cognitive and adaptive networking: self-management at the service of network evolution
- Networking and the Smart

Grid: the relevance of communications in the futur of power grid

- Design of green networks: towards the Green Internet

M. Hassan (Mahbub) *

mahbub@cse.unsw.edu.au
Australia

- Vehicular Communications and Networking
- Content Streaming for Mobe Devices

E. Hossain (Ekram) **

ekram@ee.umanitoba.ca
Canada

- Evolution towards 5G cellula wireless networks
- Radio resource managemen in next generation hierarchical cellular wireless networks
- Interference modeling in random carrier-sense multiple access (CSMA) wireless networks
- Dynamic spectrum access in cognitive radio networks
- Game theory for multiple access and resource allocation in wireless networks
- Communications and networking technologies for the smart grid
- Radio technologies for wireless personal area networks

S. Jafar (Syed) *

syed@uci.edu

USA

- Interference Alignment
- Index Coding

H. Jafarkhani (Hamid) **

hamidj@uci.edu

USA

- Distributed Beamforming in Wireless Relay-Interference Networks
- Cooperative Communications
- Limited Feedback Beamforming in MIMO
- Distributed Space-Time Coding

A. Jayasumana (Anura) **

Anura.Jayasumana@colostate.edu

USA

A. Kamal (Ahmed) *

kamal@iastate.edu

USA

- Multicasting in Cognitive Radio Networks

M. Krunz (Marwan) *

krunz@email.arizona.edu

USA

- Dynamic spectrum access and cognitive radio networks
- Physical-layer wireless security
- Cooperative MIMO communications
- Energy management in wireless sensor networks

Y.C. Liang (Ying-Chang) *

liangyc@ieee.org

Singapore

- Cognitive Radio Networks
- Cooperative Wireless Communications

Y.D. Lin (Ying-Dar) **

ydlin@cs.nctu.edu.tw

Taiwan

- Research Roadmap Driven by Network Benchmarking Lab: Deep Packet Inspection, Traffic Forensics, Embedded Benchmarking, WLAN/LTE, and Beyond
- Traffic Forensics: Capture, Replay, Classification, Detection, and Analysis
- Benchmarking Smartphones Methodologies, Tools, and Results
- Open Source Resources for Networking
- Software Defined Networking: Why, Where, When, and How

P. Lorenz (Pascal) *

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France

- NGN (Next Generation Networks)
- QoS and QoE
- Networking Protocols
- Wireless LAN and Broadband Internet
- Service and Network Convergence

M. Ma (Maode) *

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Singapore

- Enhancements of Security Functionality for LTE/LTE-A Wireless Networks

N. Mandayam (Narayan) **

narayan@winlab.rutgers.edu

USA

- Backhauling in TV White Spaces
- Network Coding as a Dynamical System
- Enabling Cognitive Radio Networks
- Green Techniques for Wireless Communications
- Forces and Strategies that Shaped the Wireless Revolution

Z. Niu (Zhisheng) **

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China

- A Paradigm Shift to Globally Resource-optimized and Energy-Efficient Networks (GREEN)
- TANGO: Traffic-Aware Network planning and Green Operation
- CHORUS: Collaborative and Harmonized Open Radio Ubiquitous Systems
- Collaborative Radio Resource Management in Multiple Radio Networks

N. Prasad (Neeli) *

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Denmark

- Internet of Things (IoT), Machine to Machine (M2M) and enabling technologies
- Secure Frameworks and Architectures
- Social Networking
- Smart cities and communities

P. Ray (Pradeep) **

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Australia

- Design and Evaluation of Assistive Technologies for Aged Care
- Cooperative Service Management and Interoperability in Healthcare
- Design and Assessment mHealth (mobile phone based) services for healthcare

K. Ross (Keith) *

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- Third Party Privacy Invasion: Attacks and Solutions

S. Roy (Sumit) **

roy@ee.washington.edu

USA

- Cognitive Radio - Algorithms & Architectures
- Co-existence in a Multi-radic Environment: Principles, Architectures and Implementations

- White Space Networks: From TV bands to Government Users

D. Schupke (Dominic) *

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- Resilience in Network Virtualization
- Multi-Layer Networking

T. Taleb (Tarik) **

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Germany

J. Thompson (John) **

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UK

- Green Wireless Communications and Smart Grid Technologies
- Multiple Antenna Communications Systems
- Wireless relay communications systems and distributed multiple antenna technologies

J. Touch (Joe) *

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- A Recursive Network Architecture for the Future Internet
- An Optical Turning Machine for High-Speed Networking
- The Case for Weaker Network Security
- Breaking the Internet Hourglass: One Packet Only and Other Curiosities

- Internet Policy and Piracy: TI Good, the Bad, and the Practical

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USA

- 5G Evolution and Candidate Technologies
- M2M Communications for Internet of Things

J. Wang (Jiangzhou) *

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UK

- In-building distributed antenna systems for broadband wireless communications
- Device to device communications in cellular networks
- Small cells and heterogeneous networks
- Massive MIMO

T. Wolf (Tilman) **

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USA

- Economic Principles for Future Internet Architecture
- Attacks and Hardware Defenses for Network Infrastructure
- Attack Containment in Off-by-Default Networks
- Runtime Management of Multicore Network Processors

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USA

J. Zhang (Junshan) *

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- Fundamentals of Distributed Opportunistic Scheduling
- Networked Communication and Computation for Wind Generation Forecast
- Network Interdependence in Cyber-physical Systems

X. Zhang (Xi) *

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USA

- Statistical QoS Guarantees for Wireless Communication Networks
- Cross-Layer Optimization for Cognitive Radio Wireless Networks
- Mobile Multicast Communications over Wireless Networks
- Multimedia Wireless Sensor Networks
- Wideband Communications and QoS Provisionings for Vehicular Networks
- Advances in Cooperative Wireless Communications and Relay Networks
- Wireless Network Coding

TRAVEL GRANTS

General Policy

Under the Student Travel Grant (STG) Program, the Communications Society (ComSoc) provides a limited number of student travel grants to help Student Members attend major ComSoc conferences. Conferences may also seek other sources for travel grants; eg, the NSF (National Science Foundation) program supports travel for students studying at a US college or university.

Eligibility for ComSoc Student Travel Grants

To qualify for the ComSoc STG, the applicant must satisfy all of the following requirements:

- Author of an accepted conference paper and presents the paper at the conference;
- Student Member of the IEEE Communications Society when submitting the application;
- Full-time student registered toward a Bachelors, Masters, or PhD degree in engineering or related field in a college or university when submitting the application;
- Applicant may not receive more than one STG in any 12-month period

ComSoc Student Travel Grant Application Process and Notification

The conference website will provide the instructions for completing the STG Application Form as well as information regarding the approval/notification process. The Student Travel Grant Committee for each conference will review all travel grant applications and notify applicants about award decisions by the date indicated on the conference website.

The ComSoc Student Travel Grant Award

The STG consists of a monetary award to be used toward registration fees, conference hotel expenses, and travel costs as determined by the Student Travel Grant Committee for each particular conference. To claim an STG, the student must complete the necessary voucher form (provided on the conference website) and attach original receipts. The voucher must be received by ComSoc staff within 90 days of the last day of the conference.

AWARDS

The Communications Society sponsors programs to recognize technical achievements and service. To learn more about these awards or how to develop or sponsor new awards, please contact the ComSoc Awards Committee.

CAREER AWARDS

IEEE Communications Society Edwin Howard Armstrong Achievement Award

Prize – Certificate, plaque, and honorarium of \$2,000; funded by the Armstrong Memorial Research Foundation.

Eligibility – Member of the Communications Society at time of nomination

Basis for Judging – Outstanding contributions over a period of years in the field of interest of the Society.

Presentation – Annually (as soon as possible after recommendation) Award will not be presented if suitable candidate is not available.

Recipients

2013 – John M. Cioffi	2002 - Michael B. Pursley
2012 - Donald Cox	2001 - Ezio Biglieri
2010-11 - No Recipient	2000 - Laurence B. Milstein
2009 – H. Vincent Poor	1999 - Al Gross
2008 - Sergio Benedetto	1998 - Donald L. Schilling
2007 - Norman C. Beaulieu	1997 - Marvin K. Simon
2006 - Larry J. Greenstein	1996 - Joachim Hagenauer
2005 - No recipient	1995 - Adam Lender
2004 - Hussein Mouftah	1994 - Mischa Schwartz
2003 - Hikmet Sari	1993 - Paul Schumate

1992 - Hisashi Kaneko	1991 - Burton R. Saltzberg
1990 - Jack K. Wolf	1973 - S. G. Lutz
1989 - Paul E. Green, Jr.	1973 - C.E. Shannon
1988 - Jack M. Sipress	1972 - Amos E. Joel, Jr.
1987 - Paul Baran	1971 - A.C. Dickieson
1986 - Gottfried Ungerboeck	1970 - R.K. Hellmann
1985 - Robert Charles Terreault	1969 - D.S. Rau
1984 - Bob O. Evans	1968 - P.G. Edwards
1983 - No Recipient	1967 - J.Z. Millar
1982 - Tadahiro Sekimoto	1966 - W.T. Rea
1981 - Robert Price	1965 - A.G. Kanoian
1980 - Frederick T. Andrews	1964 - No Recipient
1979 - Arthur A. Collins	1963 - I.S. Coggeshall
1978 - Andre Pinet	1962 - A.G. Clavier
1977 - William H.C. Higgins	1961 - El Green
1976 - Walter B. Morrow	1960 - No Recipient
1975 - Robert W. Lucky	1959 - K. Bullington
1974 - Frank D. Reese	1958 - H.H. Beverage

IEEE Communications Society Award for Public Service in the Field of Telecommunications

Prize – Certificate, plaque, and honorarium of \$1,000

Eligibility – No restrictions

Basis for Judging – Major contributions to the public welfare through work in the field of telecommunications.

Presentation – Annually (as soon as possible after recommendation). Award will not be presented if suitable candidate is not available.

Recipients

2013 – Michael J. Marcus	2008 - No recipient
2012 - Veena Rawat	2007 - Sam Pitroda
2011 - Sasi Pilacheri Meethal	2001-06 - No Recipients
2010 - No Recipient	2000 - David D. Clark
2009 - David Falconer	1994 - 99 No Recipients
	1993 - George E. Brown, Jr.

1992 - Mansoor Shafi
1990 - Richard C. Kirby
1987 - Hubert Zimmerman
1984 - Mohammed Mili
1982 - Joseph R. Fogarty

1981 - Henry Geller
1978 - Alphonse Ouimet
1977 - Benjamin L. Hooks
1976 - Senator JO Pastore

IEEE Communications Society Distinguished Industry Leader Award

Prize – Plaque, certificate, and honorarium of \$2,000.

Description - To recognize an industry executive whose leadership has resulted in major and outstanding advances and new directions in the information and communications business area.

Eligibility – An information or communication industry executive who played a major leadership role in research or development and introduction of systems, devices, applications or services that have significantly impacted the communications and information markets on a global basis and substantially advanced the use of information and communication technologies in industry, commerce, and society. The candidate is not required to be an IEEE member.

Basis for Judging – Executive leadership resulting in major advances and new directions in the information and communications business area. Evaluation is based on such factors as global acceptance of the products and services, financial success and growth of the business, ubiquity of the products and services, emulation of the contributions by competition, and degree of global recognition of the candidate. Other factors include time of service, impact, specific innovations, etc.

Nomination/Selection Process – Nominations will be solicited each year, up to the nominations deadline decided by the Awards Committee. Nominations will be openly solicited; however, nominations would also be received from a Nominations Committee appointed by the President of the Communications Society.

Presentation - The award will be presented at a major Communication Society annual conference or venue appropriate to the business area of the recipient. The award will not be conferred in any given year if a

suitable candidate is not identified. Annually (as appropriate); no more than two awards will be given per year.

Administration and Funding - The Communications Society will administer the award covered out of annual Society operating expenses until a suitable endowment is established.

Recipients

2013 - No recipient

2012 - Janusz Filipiak

2012 - Niklas Zennstrom

Janus Friis

2011 - Suk-Chae Lee

2010 - No recipient

2009 - Kaoru Yano

2008 - No recipient

2007 - Arun Sarin

2006 - Henry Samueli

2005 - No recipient

2004 - Ki Tae Lee

2004 - Irwin M. Jacobs

2003 - Jorma Ollila

2002 - John T. Chambers

2001 - Keiji Tachikawa

IEEE Communications Society Industrial Innovation Award

Prize – Plaque, certificate, and honorarium of \$1,000 for each recipient. Up to three individuals may receive this award in a calendar year, for separate accomplishments or as members of a team.

Description - To annually recognize an individual in industry for major industrial accomplishments, standards, deployment of important processes or products, etc., that substantially benefit the public in the field of communications and information technologies and are visible beyond the company or institution where the contribution was made.

Eligibility – Individuals at any level who were industry employees at the time of the accomplishments being recognized; candidate need not be an IEEE member.

Basis for Judging – Basis for judging and factors to be considered in the selection are time/length of service, impact in the field of communications, specific innovations benefiting industry, commerce, and society.

Nomination/Selection Process – The ComSoc Awards Committee will handle the evaluation and selection process. Nominations will be

solicited each year, up to the nominations deadline decided by the Awards Committee. Calls for nominations are posted on the ComSoc Web page, Society magazine and electronic newsletter.

Presentation – Annually (as soon as possible after recommendation). No more than three awards may be made in any calendar year. The award will not be conferred in any given year if suitable candidates are not identified. The award presentation is made preferably at the IEEE GLOBECOM Awards Luncheon, or at a venue and time appropriate to the business area of the recipient. Award will be publicized on the ComSoc Web page, Society Magazine, electronic newsletter, and Awards Luncheon brochure.

Administration and Funding - The IEEE Communications Society will administer the award. Funding will be covered by the annual Society operating budget unless a suitable endowment is established. Up to \$3000 (plus the minimal cost of plaques and certificates) will be budgeted annually to cover the cost of up to 3 recipients.

Recipients

2013 - Rajiv Laroia

2010 – No Recipient

2012 – Stephen Alexander

2009 - David Belanger

2011 – Lawrence Bernstein

SERVICE AWARDS

IEEE Communications Society Donald W. McLellan Meritorious Service Award

Prize – Certificate, plaque, and honorarium of \$1,000 up to two awards per year

Eligibility – Member of the Communications Society at time of nomination.

Basis for Judging – Outstanding long-term service to the welfare of the Communications Society.

Presentation – Annually (as soon as possible after recommendation). Award will not be presented if suitable candidate is not available.

Recipients

2013 – Byeong Gi Lee	1990 - Richard P. Skillen
2012 - Sergio Benedetto	1989 - William H. Tranter
2011 - Stefano Galli	1988 - Richard A. Alston
2010 - Leonard J. Cimini, Jr.	John Limb
2009 - Nim K. Cheung	1987 - Noriyoshi Kuroyanagi
2008 - Shri K. Goyal	1986 - Paul E. Green, Jr.
2007 - Roberto Saracco	John S. Ryan
2006 - Alexander D. Gelman	1985 - M.R. Aaron
2005 - Mark J. Karol	Bruce DeMaeyer
2004 - Harvey A. Freeman	1983 - Allen Gersho
2001-3 - No recipients	Adam Lender
2000 - Douglas N. Zuckerman	Stephen Weinstein
1999 - No Recipient	1982 - William W. Middleton
1998 - Roberto de Marca	Walter B. Noller
1997 - Curtis A. Siller	1981 - Richard L. Shuey
1996 - No Recipient	Edward J. Doyle
1995 - Thomas J. Plevyak	1980 - Edward J. Glenner
1994 - Raymond L. Pickholtz	1979 - Richard Kirby
1993 - Joseph L. LoCicero	1978 - Donald L. Schilling
1992 - Frederick T. Andrews	1977 - David Solomon
1991 - Celia Desmond	1976 - Ran Slayton
Jack C. McDonald	Anthony B. Giordano

IEEE Communications Society Harold Sobol Award for Exemplary Service to Meetings & Conferences

Prize – Plaque, certificate, and honorarium of \$1,000.

Description and Eligibility – Society member at time of nomination who has demonstrated exemplary services to the meetings and conferences of the Society over a sustained period of time. Evaluation of candidates is based on such factors as long-term service, significant contributions, strategic planning and financial success, etc.

Basis for Judging – Exemplary service to IEEE Communications Society meetings and conferences over a sustained period of time.

Nomination/Selection Process - Nominations will be openly solicited but they will be screened and reduced to a short list by a nominations committee chaired by the Vice President Conferences and consisting of members of the Conferences Steering Committee. The short list will be provided to the Awards Committee and the Awards Committee will select the final awardee.

Schedule and Presentation - Nominations will be solicited each year, up to the nominations deadline decided by the Awards Committee. The award will be presented at GLOBECOM or other venue appropriate to the award and the recipient. The award will not be conferred in any given year if a suitable candidate is not identified. Annually (as appropriate); no more than one award will be given per year.

Administration and Funding - The Communications Society will administer the award. Funding will be covered out of annual Communications Society operating expenses unless a suitable endowment is established.

Recipients

2013 - Gerhard Fettweis	2008 - J. Roberto B. de Marca
2012 - Hikmet Sari	2007 - Raouf Boutaba
2011 - Khaled B. Letaief	2006 - Paul R. Hartmann
2010 - Abbas Jamalipour	2005 - Jaafar M.H. Elmirghani
2009 - Heinrich Stuttgarten	2004 - No recipient

2003 - Doug Lattner
2002 - Douglas N. Zuckerman

2001 - Harvey A. Freeman
2000 - Ross C. Anderson

IEEE Communications Society Joseph LoCicero Award for Exemplary Service to Publications

Prize – Plaque, certificate, and honorarium of \$1,000.

Description and Eligibility – A Society member at time of nomination who has been involved with one or more of the Society’s publications (e.g., journals, magazines; print or electronic) for a sustained period of time and having made notable contributions in areas such as editing, publishing or otherwise facilitating their realization, quality, scope or visibility.

Basis for Judging – Is exemplary and exceptional service to IEEE Communications Society publications over a sustained period of time. Factors to be considered in the selection are time of service, impact, specific innovations, etc.

Nominee Selection – Award will be presented annually to a recipient selected by a Publications Award Selection Committee working in conjunction with the Communications Society Awards Committee. Nominations shall be solicited, screened and reduced to a short list by the Selection Committee (Vice President of Publications; Directors of Journals and Magazines, and Editors-in-Chief of the Society’s publications) with external consultation, as appropriate, and submitted to the Communications Society Awards Committee for final selection.

Schedule and Presentation - Nominations will be solicited each year, up to the nominations deadline decided by the Awards Committee. The award will be presented at a venue appropriate to the award and the recipient. The award will not be conferred in any given year if a suitable candidate is not identified. Annually (as appropriate).

Administration and Funding - The IEEE Communications Society will administer the award. Funds will be covered out of annual

Communications Society operating expenses until a suitable endowment is established.

Recipients

2013 - David Daut	2005 - Yeheskel (Zeke) Bar-Ness
2012 - Nelson Fonseca	2004 - Desmond P. Taylor
2011 - Vijay Bhargava	2003 - No recipient
2010 - Larry Greenstein	2002 - Curtis A. Siller
2009 - Raouf Boutaba	2001 - William H. Tranter
2008 - Andrzej Jajszczyk	1999 - Joseph L. LoCicero
2007 - Khaled Ben Letaief	1998 - Paul E. Green, Jr.
2006 - James F Kurose	

IEEE ComSoc/KICS Exemplary Global Service Award

Prize – Plaque, certificate, and honorarium of \$2,000 and up to \$1,500 for travel to receive award.

Description and Eligibility – Recipient must be a member of ComSoc or KICS at the time of nomination and have demonstrated exemplary and distinguished service in globalization.

Basis for Judging – Outstanding and long-term service fostering and advancing globalization within the communications arena.

Nomination/Selection Process – ComSoc Awards Committee will handle the evaluation and selection process. Nominations will be solicited each year, up to the nominations deadline decided by the Awards Committee.

Presentation - The award will be presented annually by presidents of both societies during IEEE GLOBECOM. Annually (as appropriate); award will not be conferred in any given year if a suitable candidate is not identified.

Administration and Funding - KICS will provide the honorarium and partial travel support; ComSoc will provide the plaque and certificate.

Recipients

2012-13 - No recipients	2009 - Tomonori Aoyama
2011 - J. Roberto B. DeMarca	2008 - Maurizio Decina
2010 – Roberto Saracco	2007 - Stephen B Weinstein

PAPER AWARDS

Note: ComSoc magazines and journals are defined as those financially sponsored, in whole or in part, by the IEEE Communications Society.

The IEEE Communications Society Best Tutorial Paper Award

Prize – Plaque and honorarium up to \$500 for each author; total not to exceed \$1,000.

Eligibility – Given to an outstanding tutorial paper published in any Communications Society magazine or journal in the previous 5 calendar years; author need not be an IEEE member.

Basis for Judging –Clarity and quality of presentation, timeliness and relevance of topic.

Nominee Solicitation – Nominations solicited by Chair of Magazines/Journals Paper Awards Selection Committees in consultation with Magazines/Journals Editors-in-Chief.

Selection Process – Nominations screened and short list prepared by the Magazines and Journals Paper Awards Selection committees with the approval of the Magazines/ Journals Editors-in-Chief, Director of Magazines, and Director of Journals. The short list submitted to the Communications Society Awards Committee for final selection.

Presentation – Annually (as soon as possible after recommendation). Award will not be given if a paper of high quality is not uncovered.

The IEEE Communications Society Leonard G. Abraham Prize (in the Field of Communications Systems)

Prize – Plaque and honorarium up to \$500 for each author; total not to exceed \$1,000.

Eligibility – Publication of an original paper, in the category of Communications Systems, published in the *IEEE Journal on Selected Areas in Communications* in the previous 3 calendar years; author need not be an IEEE member.

Basis for Judging – Quality, originality, utility, timeliness, clarity of presentation.

Nominee Solicitation – Nominations solicited by Journal Editor-in-Chief from the Editorial Board, guest Editors, and readership (through published notice).

Selection Process – Nominations screened and reduced to a short list by a committee of the Editorial Board and submitted to the Communications Society Awards Committee for final selection.

Presentation – Annually (as soon as possible after recommendation). Award will not be given if a paper of high quality is not uncovered.

The IEEE Communications Society Stephen O. Rice Prize (in the Field of Communications Theory)

Prize – Plaque and honorarium up to \$500 for each author; total not to exceed \$1,000.

Eligibility – Publication of an original paper, in the category of Communications Theory, published in the *IEEE Transactions on Communications* in the previous 3 calendar years; author need not be an IEEE member.

Basis for Judging – Quality, originality, utility, timeliness, clarity of presentation.

Nominee Solicitation – Nominations solicited by Transactions Editor-in-Chief from the Editorial Board, guest Editors, and readership (through published notice).

Selection Process – Nominations screened and reduced to a short list by a committee of the Editorial Board and submitted to the Communications Society Awards Committee for final selection.

Presentation – Annually (as soon as possible after recommendation). Award will not be given if a paper of high quality is not uncovered.

The IEEE Communications Society William R. Bennett Prize in the Field of Communications Networking

Prize – Plaque and honorarium up to \$500 for each author; total not to exceed \$1,000.

Eligibility – Publication of original paper, in the category of Communications Networking, published in the *IEEE/ACM Transactions on Networking* or the *IEEE Transactions on Network and Service Management* in the previous 3 calendar years; author need not be an IEEE member.

Basis for Judging – Quality, originality, utility, timeliness, clarity of presentation.

Nominee Solicitation – Nominations solicited by Transactions Editor-in-Chief from the Editorial Board, guest Editors, and readership (through published notice).

Selection Process – Nominations screened and reduced to a short list by a committee of the Editorial Board and submitted to the Communications Society Awards Committee for final selection.

Presentation – Annually (as soon as possible after recommendation). Award will not be given if a paper of high quality is not uncovered.

The IEEE Communications Society Fred W . Ellersick Prize

Prize – Plaque and honorarium up to \$500 for each author; total not to exceed \$1,000.

Eligibility – Publication of an original paper in any Communications Society magazine in the previous 3 calendar years; author need not be an IEEE member.

Basis for Judging – Quality, utility, timeliness, and clarity of presentation, comprehensible to the non-specialist.

Nominee Solicitation – Nominations solicited by the Chair of Magazines Paper Awards Selection Committee in consultation with Magazines Editors-in-Chief.

Selection Process – Nominations screened and short list prepared by the Magazines Paper Awards Selection Committee with the approval of the Magazines Editors-in-Chief. The short list is submitted to the Communications Society Awards Committee for final selection.

Presentation – Annually (as soon as possible after recommendation). Award will not be given if a paper of high quality is not uncovered.

The IEEE Communications Society Heinrich Hertz Award for Best Communications Letter

Prize - Plaque and honorarium of \$500 per author (up to a maximum total of \$2000).

Description - Letters published in any letter journal financially sponsored or co-sponsored by the Communications Society which open new lines of research, envision bold approaches to communication, formulate new problems to solve, and essentially enlarge the field of communications engineering are eligible for this annual award.

Eligibility - For an outstanding manuscript published in any letter journal during the previous three calendar years which opens new lines of research, envisions bold approaches to communication, formulates new problems to solve, and essentially enlarges the field of communications engineering. Recipients need not be IEEE members.

Basis for Judging - Quality, exposition, novelty and impact.

Nominee Solicitation/Selection - Nominations will be solicited by the Editor-in-Chief of the letter journal from the Editorial Board. Each associate editor may submit no more than one paper to the Editor-in-Chief for consideration. A subcommittee comprised of the Editor-in-Chief and five Associate Editors will screen the nominated papers. Nominations will also be solicited from ComSoc Technical Committee chairs and readership (through published notices).

No more than five manuscripts will be submitted to the Awards Committee for final selection by March 1 of each year. Selection will be based on rankings given to each nominated paper by each member of the subcommittee. Each paper submitted to the Awards Committee will be accompanied by a summary statement.

Administration - The IEEE Communications Society will administer the award covered out of the Society's annual operating budget until a suitable endowment is established. Each recipient receives an honorarium of \$500 up to maximum of \$2000 (plus the minimal cost of plaques) and will be budgeted annually to cover the total cost of up to \$2000 per year.

Presentation - Annually, at ICC or GLOBECOM (as soon as possible after recommendation). Award will not be given if a paper of high quality is not uncovered.

The IEEE Communications Society/ Information Theory Society Joint Paper Award

Prize – A plaque and an honorarium up to \$500 for each author; total not to exceed \$1,000 for each paper.

Eligibility – For outstanding papers published in any publication of the Communications Society or IEEE Information Theory Society within the previous three calendar years. The authors do not have to be members of IEEE. Presented annually.

Basis for Judging – Quality, originality, utility, timeliness, and presentation. The paper should cover the interests and achieve the values of both the Communications Society and Information Theory Society.

Sponsorship and Funding – Jointly sponsored by IEEE Communications Society (ComSoc) and Information Theory Society (IT). Funding evenly divided by the two sponsoring societies.

Selection Process –

1. Each year a joint papers evaluation subcommittee of six members is formed with three from each of the Awards committees of the two Societies. ComSoc's members are appointed by the Chair of the ComSoc Awards Committee.
2. This subcommittee considers ranked nominations from publications boards in both societies and selects 1 or 2 papers as the award recipients. No paper already selected for a ComSoc paper award will be eligible. The processes/timelines will be the same as all other paper awards.

Presentation – Annually at any event sponsored by either of the two sponsoring societies selected by the recipient(s).

IEEE Marconi Prize Paper Award in Wireless Communications

Prize – Plaque, honorarium of up to US\$1,000, travel reimbursement of up to US\$3,000.

Description - The IEEE Guglielmo Marconi Best Paper Award is an annual award, sponsored by Qualcomm Inc., for an original paper in the field of Wireless Communications published in the *IEEE Transactions on Wireless Communications* (co-sponsored by the IEEE Communications Society and IEEE Signal Processing Society).

Eligibility - Author of an original paper in the field of Wireless Communications, published in the *IEEE Transactions on Wireless Communications* in the previous 3 calendar years, are eligible for the Award. There are no restrictions as to IEEE membership, nationality, race, creed, age or gender.

Basis for Judging – Originality, utility, timeliness, and clarity of presentation.

Nominee Solicitation – Nominations solicited by the Editor-in-Chief of *IEEE Transactions on Wireless Communications* from the Editorial Board, guest Editors, and readership (through published notice).

Selection Process – Annually solicitations are sought from 1 January through 31 January; a short list is generated by 1 March; selection by an award committee (consisting of 3 members of the ComSoc Awards Committee and 1 from the Signal Processing Society) is completed by 10 April; the Chair of the Communications Society Awards Committee notifies recipients no later than 20 April.

Administration – Sponsored by Qualcomm Inc., in addition to the \$1000 honorarium, a travel reimbursement of up to US\$3000 is provided for travel and living to enable recipients to attend the Awards Luncheon.

Presentation – Annually presented by the IEEE Communications Society Awards Committee Chair, in the name of the IEEE Communications Society, the IEEE Signal Processing Society, and the external sponsor of the award, at the International Conference on Communications.

The IEEE Communications Society Award for Advances in Communication

Prize – Plaque and honorarium of \$500 per author (up to a maximum total of \$2000).

Eligibility – Papers that open new lines of work, envision bold approaches to communication, formulate new problems to solve, and essentially enlarge the field of communications engineering. Given to an outstanding paper published in any IEEE Communications Society publication in the previous 15 calendar years; author need not be an IEEE member.

Basis for Judging – Quality, originality, novelty and impact.

Nominee Solicitation – Nominations solicited by Editors-in-Chief to the Editorial Boards and guest Editors of all IEEE Communications Society publications. After screening, each Editor-in-Chief shall submit at least one nomination. Nominations will also be solicited from ComSoc Technical Committee chairs and readership (through published notice).

Selection Process – All nominations shall be submitted to the IEEE Communications Society Awards Committee for final selection by March 1 of each year. The selection process shall comply with procedures and regulations established in IEEE and ComSoc governing documents, in particular with IEEE Policy 44 on Award Limitations.

Administration and Funding – The IEEE Communications Society will administer the award covered out of annual Society operating expenses until a suitable endowment is established.

Presentation – Annually at ICC or GLOBECOM Award will not be given if a paper of high quality is not uncovered. Award and recipient will be published in the ComSoc Awards Luncheon brochure and posted on the ComSoc web site.

PAPER AWARDS NOMINATION PROCESS

Communications Society Paper Awards

The Communications Society's Awards Committee retains responsibility for the ultimate selection of winning papers and functioning of the awards process. It coordinates the nomination and decision processes; and staff orders the certificates, plaques, and honorariums. ComSoc magazines and journals are defined as those financially sponsored, in whole or in part, by the IEEE Communications Society.

Magazine and Journals Editors-in-Chief are responsible for generating short nomination lists for their respective prizes, these lists become the major basis for decisions of the Awards Committee. Nominations are solicited by each Editor-in-Chief from his/her Editorial Board, guest editors, and the readership. Nominations may be solicited in a published notice. These nominations are then screened/reduced to a short list and submitted to the Awards Committee for final selection. (See specific details under each paper award.)

The Society welcomes nominations from Society Members for Prize Papers published in previous years. Such action will give a deserving colleague a chance for one of these prestigious awards. A nomination should clearly state the authors, paper title, the publication and issue in which the paper appeared, and, in a few words, why the paper deserves an award. It should then be sent to the Editor-in-Chief of the publication in which the paper

appeared (see current EICs listed under “Publications” in front part of the ComSoc Community Directory).

The Communications Society Best Tutorial Paper Award

For an outstanding tutorial paper published in any Communications Society magazine or journal in the previous 5 calendar years.

The Communications Society Leonard G. Abraham Prize

For a paper published in the category of Communications Systems, published in the *IEEE Journal on Selected Areas in Communications* in the previous 3 calendar years.

The Communications Society Stephen O. Rice Prize

For a paper published in the category of Communications Theory, published in the *IEEE Transactions on Communications* in the previous 3 calendar years.

The Communications Society William R. Bennett Prize in the Field of Communications Networking

For a paper in the *IEEE/ACM Transactions on Networking* or the *IEEE Transactions on Network and Service Management* in the previous 3 calendar years.

The Fred W. Ellersick Prize

For a paper in any Communications Society magazine in the previous 3 calendar years.

The Communications Society Heinrich Hertz Award for Best Communications Letter

For letters published in any letter journal financially sponsored or co-sponsored by the Communications Society which essentially enlarge the field of communications engineering in the previous 3 calendar years.

The ComSoc & Information Theory Joint Paper Award

For a paper, relevant to both Societies, that appeared in any publication of the Communications Society or the Information Theory Society in the previous 3 calendar years.

The IEEE Marconi Prize Paper Award in Wireless Communications

(ComSoc and Signal Processing Society)

For a paper from *IEEE Transactions on Wireless Communications* in the previous 3 calendar years.

The Communications Society Award for Advances in Communication

For a paper in any Communications Society journal or magazine in the previous 15 calendar years.

The short nomination lists for all prize papers are submitted to the Communications Society Awards Committee no later than January 31 of the year following the year in which papers were published. Award presentations are traditionally made at ICC each year.

IEEE Awards

Recognition for an outstanding paper can be given at both Society and Institute levels. Editors-in-Chief may wish to nominate automatically the winning Communications Society papers for appropriate IEEE awards. (See the IEEE web site for awards information: About Us/Awards)

W. R. G. Baker Award recognizes an outstanding original paper published in any IEEE journal, transactions, proceedings, or magazine in the past year.

Donald G. Fink Award recognizes an outstanding survey or tutorial paper published in any IEEE journal, transactions, proceedings, or magazine in the past year.

IEEE COMMUNICATIONS SOCIETY CONSTITUTION

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Article 1—Name, Purposes, and Scope

1.1 Name - The name of this organization is the IEEE Communications Society, hereinafter referred to as “the Society.” It is organized within the Institute of Electrical and Electronics Engineers, Inc. hereinafter called “the IEEE.”

1.2 Purposes - The purposes of the Society are: (a) scientific and educational - directed toward the advancement of the theory, practice and application of communications engineering and related arts and sciences; (b) professional - directed toward promotion of high professional standards, development of competency and advancement of the standing of members of the profession it serves.

The Society promotes cooperation and exchange of information among its members and those of other organized bodies within and outside the IEEE. Means to these ends may include, but are not limited to, the holding of meetings for the presentation and

discussion of papers, the publication of journals, sponsorship of tutorial seminars and workshops, stimulation of research, the education of members, establishment of standards, and providing for the technical and professional needs of its members via organized efforts.

1.3 Scope – The IEEE Communications Society embraces the science, technology, applications and standards for information organization, collection and transfer using electronic, optical and wireless channels and networks, including but not limited to:

- Systems and network architecture, control and management;
- Protocols, software and middleware;
- Quality of service, reliability and security;
- Modulation, detection, coding, and signaling;
- Switching and routing;
- Mobile and portable communications;
- Terminals and other end devices;
- Networks for content distribution and distributed computing; and
- Communications-based distributed resources control.

1.4 Authority - Society organization and operations are in accordance with the IEEE Constitution.

Article 2—Bylaws

Bylaws are rules and regulations adopted by the Society for governing its members and for the overall management of its affairs. They provide guidance to govern all phases of the organization, management and activities, as outlined in the Constitution. Bylaws may not be in conflict with the Constitution.

Bylaws are approved and amended by the Board of Governors and may be changed as Society interests evolve.

Article 3—Policies and Procedures

Policies and Procedures provide more detailed statements about specific policies, objectives, and procedures than are contained in the Constitution or Bylaws.

Article 4—Membership

Members of the Society are IEEE members, and non-members of IEEE who qualify as Affiliates, have an interest in some phase of the scope of the Society, and provide tangible support of Society objectives.

Article 5—Organization

5.1 Board of Governors - The Society is governed by an administrative body called the Board of Governors (BoG).

5.1 .1 Elected officers - The BoG includes officers elected by the Society membership, such as, but not restricted to:

- President, immediate Past President, and President-elect. - The President is the chief executive officer of the Society.
- Vice Presidents - Each administers a Council responsible for a key area of interest to the Society.
- Members-at-Large - They are elected for staggered multiyear terms. The operations of the Society are assessed periodically, and the number of Members-at-Large is adjusted in accordance with membership needs and growth.
- Society membership representative(s) to IEEE Board of Directors.

All elected officers have full voting privileges in handling Society affairs.

5.1 .2 Appointed officers - The BoG includes a group of officers appointed by the President upon recommendation of the appropriate Vice President. These officers assist in managing Society activities and are supervised by the President and appropriate Vice President. Appointed officers serve concurrently with the President and Vice Presidents, and include:

- Treasurer responsible for Society financial affairs.
- Group of Directors, each of whom administers a major Board responsible for an area important to the Society.
- Other officers with special titles and duties.
- Appointed officers may propose resolutions but do not have voting privileges in the BoG.

5.2 Operating Committee - Management of Society affairs between regular and special meetings of the BoG is delegated to an Operating Committee (OpCom). Actions of the OpCom must be ratified at the next BoG meeting, except those actions taken in areas already delegated.

5.3 Councils - Vice Presidents chair the respective Councils they manage and report to the BoG and OpCom.

5.4 Boards - Major Boards are established and dissolved through resolutions approved by the BoG.

5.5 Committees - The Standing Committees are established and dissolved through resolutions approved by the BoG. Ad Hoc Committees may also be established and dissolved through resolutions approved by the BoG.

5.6 Professional Staff - The staff consists of paid professional employees of IEEE who support the activities of the Society. The staff is managed by a Society Executive Director (hereafter referred to as Executive Director) who also serves as BoG Secretary.

Article 6—Finances

6.1 Assets - All funds and property held by or for the Society are vested in the IEEE.

6.2 Revenues - Basic revenues consist of fees or assessments that are levied on members of the Society for membership dues, covering publications supplied and services rendered to all members. Other revenues may be raised from the sale of Society publications, advertising, expositions, contributions, and from other sources consistent with IEEE regulations. Proposed new income sources require the approval of IEEE.

6.3 Conference Registrations - Suitable registration charges may be collected by the Society from members and non-members attending Society meetings, symposia, conferences and conventions, consistent with IEEE policy and regulations.

6.4 Budget - An annual budget must be prepared and approved by the BoG and IEEE in advance of each fiscal year. Any changes to the budget, or expenditures in excess of budgeted amounts or for unbudgeted items, require advance approval by the BoG before commitment and/or payment.

6.5 Debts - Neither the Society nor any officer or representative thereof has any authorization to contract debts for, pledge the credit of, or in any way bind the IEEE without prior approval by IEEE.

Article 7—Member Services

7.1 Meetings and Conferences - Principal Society meetings are conferences, workshops, symposia and conventions, held either

alone or in cooperation with other IEEE units and/or other professional or technical organizations.

7.1 .1 Organization - Meetings are organized according to IEEE regulations. All meetings are open on an equal basis to all IEEE and Society members. Registration fees at Society meetings may differ for the various grades of IEEE and Society members and be higher for non-members.

7.1 .2 Papers Selection - At meetings sponsored by the Society or in which it participates, the methods of selection of papers for presentation, and the publications procedures are consistent with IEEE regulations. The Society, through the Committees within the Technical Activities Council, offers guidance in the solicitation and review of papers and in organizing and moderating sessions at meetings.

7.2 Publications - The Society, subject to the editorial and fiscal policies of the IEEE, publishes magazines, transactions, journals and other technical materials, such as leading-edge technical articles, tutorials, conference papers, etc. Fees charged for such publications may be higher for non-member subscribers and purchasers than for Society members.

7.3 Education - Principal educational activities include basic and continuing education programs.

7.4 Standards - The Society sponsors standards development in accordance with the process defined and approved by IEEE Standards Associations. It also organizes standards-related activities that comply with applicable IEEE/ComSoc and/or IEEE-SA policies.

Article 8—Amendments

8.1 Constitution

8.1 .1 Origin - Amendments to this Constitution may be initiated by:

- Proposal approved by the BoG.
- Petition submitted to the President by a minimum of 100 Members.

8.1 .2 Procedure on Proposals - Proposed amendments to the Constitution must be approved by a two-thirds vote of all the voting members of the BoG. Amendments are subject to the approval of the IEEE Technical Activities Board (TAB). After approval by TAB, the proposed amendment will be published in the Society magazine, or directly mailed to the membership. The amendment becomes effective unless one percent (or more) of the membership objects in writing to the designated IEEE office within 60 days.

8.1 .3 Procedure on Petitions - When a petition for a proposed amendment is submitted, the BoG will prepare a summary statement. A recommendation, for or against adoption, must be approved by a two-thirds vote of all the voting members of the BoG. The petition, summary statement, and recommendation are subject to approval by the IEEE TAB. After approval by TAB,

the proposed amendment will be published in the Society magazine, or directly mailed to the membership. The amendment becomes effective unless one percent (or more) of the membership objects in writing to the designated IEEE office within 60 days.

8.1 .4 Objections - If one percent objects, a ballot with the proposed amendment will be mailed to all voting members of the Society. A return date of at least 60 days will be allowed. Proposed amendments must be approved by two-thirds of the returned ballots.

8 .1 .5 Amendments - Changes will become effective 60 days after all necessary approvals and notifications.

8 .2 Bylaws - Revisions and proposed amendments to the Bylaws must be approved by a two-thirds vote of BoG members in attendance, with a quorum present.

IEEE COMMUNICATIONS SOCIETY BYLAWS

Approved December 2004; Amended 5/2005, 12/2005, 10/2006, 12/2006, 6/2007, 5/2008, 12/2008, 6/2009, 12/2009, 12/2010, 01/2011, 01/2011, 12/2011, 04/2012, 09/2013

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ARTICLE 1 – OBJECTIVES

1.1 Objectives - The objectives of the Society are to provide the following services to its members and the global community of communications professionals:

- Technical Information
 - Creation by research and innovation by the Communications Society community
 - Identification and promotion of hot topics

- Dissemination worldwide by publications, presentations, and electronic media
- Exchange by Chapter activities, workshops, discussions, mutual assessments, general networking on technical subjects, and other means of professional communication
- Facilitation of standards activities
- Education (basic and continuing)
 - Tutorials, short courses, lecture programs
 - Chapter support and other delivery mechanisms
- Professional Services
 - Personal career growth by providing technical and personal development information
 - Job opportunity benefits through inter-personal networking and facilitation of interactions among members
 - IEEE programs

1.2 Bylaws and Policies and Procedures of the Society will be in accordance with the IEEE Governing documents.

ARTICLE 2 – MEMBERSHIP

2.1 Members are those who have an interest in the fields of communications engineering or related arts and sciences and have selected Communications Society membership as part of their IEEE membership or have qualified according to IEEE policy as an Affiliate member of the Society.

2.2 Grades of membership for the Society are the same as those of IEEE plus Affiliates. When used in the Bylaws, the term "member" includes all grades of membership.

2.3 Unless otherwise stated, members are entitled to all rights and privileges of the Society except that Student Members are not entitled to hold office or vote.

2.4 A Society member who is delinquent in paying Society dues will be dropped from membership according to IEEE procedures. A former member may reinstate membership upon payment of current dues.

ARTICLE 3 – OFFICERS AND OPERATIONS

3.1 All officers who are members of the Board of Governors (BoG), Councils, Boards, and Standing and Ad Hoc Committees or are Technical Committee Chairs and Society Representatives must be Members of the Society. The President-Elect and Vice Presidents must be Senior Members or Fellows of IEEE.

3.2 Elected Officers

3.2.1 President-Elect, Vice President - Technical Activities, Vice President - Publications, Vice President - Conferences, Vice President - Member Relations, Vice President - Standards Activities, IEEE Division III Director-Elect, and Members-at-Large of the BoG are elected by direct vote of the voting Members of the Society (see Article 2.2).

- President-Elect will be elected in even-numbered years, and Vice Presidents in odd-numbered years.
- One-third of the total (12) Members-at-Large will be elected annually; Society Members will vote for a set percentage of Members-at-Large each year.
- When an elected officer is elected to another Society position, except President-Elect, during his or her term, he/she will resign from the former position, upon taking office.

- If the President-Elect holds more than one voting position in the BoG or OpCom, he/she will have no more than one vote.
- When an elected officer is elected to the position of President-Elect during his/her term, he/she may continue holding the earlier position through the conclusion of its term or upon entering the position of President, whichever comes first.

3.2.2 Terms of Office

- President-Elect will serve in that capacity the year after his/her election (odd-numbered) and begin a two-year term as President the following year (even-numbered), and then continue for a one-year term as Past President.
- Vice Presidents begin two-year terms in the even-numbered years following their election.
- The term of office for a Member-at-Large is three years.

3.2.3 Eligibility for Re-election

- The President may not be re-elected President for a second term.
- Vice Presidents may be re-elected to the same office for a second consecutive two-year term, but are further ineligible for that office until the lapse of one year.
- A member will be ineligible for a Vice President-level position after being elected for a total of four vice-presidential terms, consecutive or otherwise.
- Members-at-Large may be re-elected as Members-at-Large for a second consecutive

three-year term, but are further ineligible for that office until the lapse of one year.

3.2.4 Absence or Incapacity of:

- President - Duties will be performed by the President-Elect (odd-numbered years)/Past President (even-numbered years) and then by the Vice President - Technical Activities, Vice President - Publications, Vice President - Conferences, Vice President - Member Relations, and Vice President - Standards Activities, in that order.
- President-Elect - The term will be fulfilled by the Past President, who will continue in that capacity until a special election is held and a new President-Elect is chosen.
- Vice President or Member-at-Large - Individuals will be identified from the appropriate candidate group slate, in the sequence of the number of votes received, and the individual receiving the most number of votes will be automatically appointed to serve the remainder of the elected term.

Member-at-Large – Further, individuals will be identified from the same regional slate as the candidate being replaced, in the sequence of the number of votes received, and the individual receiving the most number of votes will be automatically appointed to serve the remainder of the elected term.

If none of these individuals can serve, the vacancy will be filled by action of the BoG upon proposal by the President; a person filling a position in this manner will serve until the position can be filled in the next election.

3.3 Appointed Officers

3.3.1 Treasurer

- Will be appointed by and report to the President.
- Serves for the term of the President.
- Is responsible for assuring sound financial practices, establishing prudent budgetary policies, overseeing preparation and presentation of the Society's budget and working with IEEE on financial matters.

3.3.2 Chief Information Officer (CIO)

- Will be appointed by and report to the President.
- Serves for the term of the President.
- Oversees cost-effective planning, acquisition, maintenance and use of the Society's information systems and networking, databases and telecommunications services.

3.3.3 Directors, Parliamentarian, Standing Committee Chairs, and Ad Hoc Committee Chairs

- Will be appointed by the President (upon the recommendation of a Vice President when appropriate).
- Regional Directors are chosen by the President from lists containing at least two candidates from each region submitted by the respective Regional Board before December 15 of odd-numbered years. If the respective Board does not submit its list by this deadline the President will make the appointment in consultation with the incoming Vice President – Member Relations.

- Serves for the term of the President.

3.3.4 Appointments of the Treasurer, Chief Information Officer, Directors, Parliamentarian, and Standing Committee Chairs are made with the approval of the BoG.

3.4 President, President-Elect, and Past President-Responsibilities

3.4.1 In the odd-numbered years, the President-Elect will assist the President in discharging the responsibilities of that office. In the even-numbered years, the Past President will fulfill this role.

3.4.2 The President-Elect begins selecting appointed officers before becoming President. The President is the highest ranking volunteer officer of the Society. He/she is responsible for leading the implementation of strategic actions and directions set by the ComSoc BoG. The President or his/her delegate represents the Society in negotiations with Sister Societies and other similar organizations.

3.4.3 The President will oversee and coordinate handling of ethics and conduct issues involving members, including author misconduct, at the Society level. He will be assisted by the Executive Director and by volunteers with experience in such matters, as needed.

3.5 Vice Presidents – Responsibilities

3.5.1 Vice Presidents are accountable to the President for their areas of responsibility.

3.5.2 Vice President — Technical Activities is responsible for all technical activities and educational services within the Society. Reporting to this Vice President are:

- Director – Education
- Chairs – Technical Committees

- Chair – Awards Committee
- Chair – Distinguished Lecturers Selection Committee
- Chair – Fellow Evaluation Committee
- Chair – Emerging Technologies Committee
- Chair – Technical Committees Recertification Committee
- Chair – GLOBECOM/ICC Technical Content Committee

3.5.3 Vice President – Publications is responsible for all activities of the Society related to print and electronic products, such as journals, magazines, and on-line offerings. Reporting to this Vice President are:

- Director – Journals
- Director – Magazines
- Director – On-Line Content

3.5.4 Vice President – Conferences is responsible for all aspects of technical conferences, workshops, and professional meetings, including conference publications. Reporting to this Vice President are:

- Director – Conference Development
- Director – Conference Operations
- Director – Conference Publications
- Chair – GLOBECOM/ICC Management & Strategy Committee
- Chair – GLOBECOM/ICC Technical Content Committee

3.5.5 Vice President – Member Relations is responsible for all Society activities and programs related to members, chapters, membership development, marketing , and relations with other IEEE and

professional societies worldwide, fostering a strong international Society presence, in coordination with the IEEE Division Director. Reporting to this Vice President are:

- Director – Membership Programs Development
- Director – Marketing & Industry Relations
- Director – Sister & Related Societies
- Director – Asia/Pacific Region
- Director – Europe, Middle-East & Africa Region
- Director – Latin America Region
- Director – North America Region

3.5.6 Vice President – Standards Activities is responsible for overseeing all Society activities and programs related to: (i) fostering technical activities related to relevant current standards. that are under development by different standards development organizations worldwide; (ii) identifying opportunities and fostering ComSoc’s engagement in new and/or existing standards development projects; (iii) increasing the visibility of ComSoc standards initiatives within IEEE, the wider international standards community, and the broad international community of communications technologists; (iv) using ComSoc standards activities to forge closer ties with ComSoc's other departments and activities within its Field of Interest (FOI); (v) maintaining a close and informed relationship with the IEEE-SA and; (vi) management within ComSoc, according to IEEE governing documents, ComSoc-sponsored IEEE Standards Association (IEEE-SA) projects. Reporting to this Vice President are:

- Director – Standards Development
- Director – Standardization Programs Development

The Vice President – Standards Activities shall be an ex-officio non-voting member of both the Standards Development Board and the Standardization Programs Development Board.”

3.6 Board of Governors (BoG)

3.6.1 Officers on the Board of Governors:

Elected (Voting) Officers:

- President
- President-Elect (odd years), immediate Past President (even years)
- Vice Presidents
- Members-at-Large
- Director – IEEE Division III
- Director-Elect – IEEE Division III (odd years)

Appointed (Non-voting) Officers:

- Directors
- Chief Information Officer
- Parliamentarian
- Treasurer
- Executive Director

3.6.2 The BoG must hold at least two formal meetings annually. Special BoG meetings may be held at the request of the President or any four members of the BoG. A majority of the voting members of the BoG constitutes a quorum. When a quorum is present, a majority vote is necessary to transact business. Proxy voting is not allowed.

- The presiding officer of the BoG shall have no vote on the BoG except if the vote is by secret

ballot or unless the Chair's vote can change the outcome of the vote.

- The vote of a majority of the votes cast of the members present and entitled to vote at the time of the vote, provided a quorum is present, shall be the act of the Society.

3.6.3 Annually, the President, Vice Presidents, and Executive Director will submit the coming year's Operating Plans. Progress on these plans will be reviewed throughout the year.

3.6.4 The BoG may meet and act upon the vote of its members in person, by any means of telecommunications, or by combination thereof. The normal voting requirements shall apply when action is taken whereby all persons participating in the meeting can hear each other and view or access presentations at the same time.

3.6.5 For meetings with in-person and remote participants, remote participants who either cannot hear other participants or who are not heard by other meeting participants do not meet the requirements for meeting attendance and, therefore, are not included in quorum calculations or allowed to vote.

3.6.6 Business may be conducted by means other than formally held meetings when the matter can be adequately handled via letter, electronic ballot, electronic mail interchange, etc., referencing Society policies and procedures. A majority vote of the BoG is required for actions so taken.

3.7 Operating Committee (OpCom)

3.7.1 Between formal and special BoG meetings, business will be managed by a subset of the BoG called the OpCom, consisting of the following:

- President
- President-Elect (odd years), immediate Past President (even years)
- Vice Presidents
- Members-at-Large (three - one from each annually elected group and appointed by the President)
- IEEE Director/IEEE Director-Elect, Division III
- Directors
- Chief Information Officer
- Treasurer
- Parliamentarian
- Executive Director

3.7.2 Members of the OpCom who are voting members of the Board of Governors are the only voting members of OpCom.

3.7.3 OpCom will meet twice annually, in person or by other means. Additional meetings may be held at the request of the President or any four members of OpCom. A majority of the voting members of OpCom constitutes a quorum. When a quorum is present, a majority vote is necessary to transact business. Proxy voting is not allowed. Actions of OpCom must be ratified by the full BoG in its next meeting. Routine business items shall be included in the consent agenda of that meeting.

3.7.4 All OpCom members are expected to participate in OpCom meetings with the following exceptions:

- Directors
- Chief Information Officer

These members may participate as determined by the President for each meeting.

3.8 Operations

3.8.1 Minutes of each BoG and OpCom meeting will be distributed to the BoG within 30 days of the meeting. For executive sessions, only motions passed will be included in the BoG and OpCom minutes. Brief executive session minutes will be kept on file in the office of the ComSoc Executive Director.

3.8.2 Members of the BoG and OpCom must receive notice of their formal meetings no less than 21 days prior to the scheduled date.

3.8.3 If a quorum is not present at a duly called BoG or OpCom meeting, actions may be formulated but are not effective until ratified by letter, electronic mail, or conference call. A majority vote of that specific body is required for ratification. Approved decisions will be recorded in the minutes of that meeting.

3.8.4 Business action that is formulated outside of a duly called meeting may be conducted by letter, electronic mail, or conference call, referencing Society policies and procedures. A majority vote of the BoG is required. Approved decisions will be confirmed promptly or in writing or by electronic transmission and recorded in the minutes of the next meeting.

3.8.5 Business at Society meetings shall be conducted according to Robert's Rules of Order (latest revision) unless other rules and procedures are specified in the Not-for-Profit Corporation Law of the State of New York, the IEEE Certificate of Incorporation and IEEE governing documents. The President may designate a Parliamentarian whose ruling on procedures will be requested in cases of conflict.

3.8.6 Councils, Boards, and Committees will hold meetings at the request of the relevant Chair with sufficient frequency to transact Society business with reasonable dispatch.

3.8.7 A Management Retreat may be held annually at the discretion of the President.

3.8.8 BoG members must adhere to decisions of the BoG, unless such decisions violate IEEE or Society constitutions, bylaws or policies.

3.8.9 The BoG may relieve volunteers in appointed/assigned positions of their responsibilities.

3.8.10 The Ombudsman shall be the first point of contact for reporting a dispute or complaint related to Society activities and/or volunteers. The Ombudsman will investigate, provide direction to the appropriate IEEE resources if necessary, and/or otherwise help settle these disputes at an appropriate level within the Society. Nominations & Elections Committee will nominate two candidates for the position of Ombudsman who are not currently on the Board and have not been on the Board for at least two years. The BoG will then select one of the two candidates to serve for a two-year term beginning the second year of the president's term.

3.9 Professional Staff

3.9.1 Subject to compliance with all applicable IEEE Bylaws and Policies, the Society may create an Executive Office supported by IEEE staff. The Society's Executive Office functions to coordinate and carry-out the day-to-day operations, policies and procedures concerning all aspects of the Society's business. The Office also maintains corporate memory and provides ongoing and ad hoc management reports/documents. In addition, the

Society's Executive Office serves as one of the Society's primary points of contact for both members and IEEE staff.

3.9.2 Subject to compliance with all applicable IEEE Bylaws and Policies, the Society may determine the budget for the Executive Office. The staff is hired by the IEEE and all conditions of employment will be based upon IEEE Bylaws, staff policies and practices and all applicable laws and regulations. Office organization, job descriptions, IEEE staff policies and employment practices are available from the IEEE Human Resources Department.

3.9.3 The Executive Director is the most senior position on the IEEE staff that supports the Society, and as such, he/she manages and develops, personally and through subordinate management staff, the paid IEEE staff members that support the Society's operations and activities. The Executive director supports the Society President, officers and volunteer leadership to achieve the Society goals. This Executive director reports through the Managing Director, Technical Activities, to the IEEE Executive Director.

3.9.4 The Executive Director serves as BoG/OpCom secretary, assisted by staff members where needed.

ARTICLE 4 – COUNCILS

4.1 Councils are chaired by Vice Presidents to address Technical Activities, Publications, Conferences, Member Relations, and Standards Activities. Directors reporting to a Vice President serve on his/her Council. Vice Presidents may appoint a vice chair, a secretary, and additional members as needed, and designate a member to serve as chair pro tempore in his/her absence.

4.2 Council policies and procedures are approved by the Council and with consent of the BoG.

4.3 Technical Activities Council (TAC) - This Council addresses the educational and technical interests of the Society, encompassing the broad range of communications and communications-related technical areas. Members of this Council include Technical Committee and Standing Committee chairs, in addition to Directors, reporting to the Vice President - Technical Activities.

4.4 Publications Council - This Council addresses the needs of the Society and Society Members related to print and electronic projects, such as journals, magazines, and on-line offerings, not including conference publications.

4.5 Conferences Council - This Council addresses the needs of the Society and Society Members related to technical conferences, workshops, and professional meetings.

4.6 Member Relations Council - This Council addresses all Society activities and programs related to members, chapters, membership development, marketing, industry relations, sister and related societies, and Society regions. Members of this Council include the President-Elect and the Past President, in addition to all Directors reporting to the Vice President - Member Relations.

4.7 Standards Activities Council - This Council oversees the work of Director of Standards Development and Director of Standardization Programs Development, and their respective Boards. Members of the Council include the Vice President - Standards Activities, Vice President – Technical Activities, Directors who report to Vice President – Standards Activities, and the Chairs of any Standards Committees that are established and report to the Standards Activities Council Directors.

ARTICLE 5 – TECHNICAL COMMITTEES

5.1 Technical Committees are established to promote and achieve the technical objectives of the Society.

5.2 Technical Committees may be created, merged, or dissolved by resolution of the BoG. A resolution to create or substantially change a Technical Committee may be submitted by the Vice President - Technical Activities and must include the name, scope, tentative program for the first year, and approximate numbers of interested and potential members.

5.3 New Technical Committees may also be proposed by petition of 25 Society Members; petitions must be submitted to the BoG by the Vice President - Technical Activities and include information in 5.2.

5.4 The Chair of a new Technical Committee is appointed for two years by the Vice President - Technical Activities with the approval of the President. During this period a mentor is assigned to the committee by the Vice President – Technical Activities. Subsequently, the Chair will be elected by members of the Technical Committee.

5.5 Elections for Technical Committee Chairs are held every two years for a two-year term. A Chair cannot serve more than two consecutive terms of office.

5.6 General policies and procedures are provided to guide technical committees and may be modified for the individual technical committee with approval of the Vice President – Technical Activities. Policies must include officer positions and election procedures.

5.7 Each Technical Committee will have a technical scope that may be modified when appropriate, upon approval of the Technical Activities Council and consent of the BoG.

ARTICLE 6 – BOARDS

6.1 Boards are the operational and strategic entities below, organized under Councils, and chaired by Directors.

- Conference Development
- Conference Operations
- Conference Publications

- Education & Training
- Journals
- Magazines
- Marketing & Industry Relations
- Membership Programs Development
- On-Line Content
- Regional - Asia/Pacific
- Regional - Europe, Middle-East & Africa
- Regional - Latin America
- Regional - North America
- Sister & Related Societies
- Standards Development
- Standardization Programs Development

6.2 Directors are responsible for appointing members to their Boards, with the approval of the appropriate Vice President. Board members serve for the duration of the Director’s term. Each Director may appoint a secretary and additional members as needed. In addition to the designated voting members, each Board may approve voting rights for additional members.

6.3 Policies and Procedures for each Board are developed by the Board and approved by the appropriate Vice President with consent of the BoG. Policy & Procedures & Operating Procedures of the Standards Development Board and of the Standards Committees reporting to the Standards Development Board must also conform to and be approved by IEEE-SA Standards Board. They should conform to the requirements and templates specified in the IEEE-SA Standards Board Operation Manual.

6.4 Board Descriptions

6.4.1 Conference Development – This Board is responsible for the strategic planning, technical scope,

and growth of all ComSoc conferences. Members include representatives from the Technical Activities Council and at least four Members-at-Large with at least one having served as the technical program chair and at least one as the general chair of a major conference. All of these are voting members, in addition to the Director.

6.4.2 Conference Operations – This Board is responsible for the oversight and management of the operational and financial aspects of all ComSoc conferences. Members include the ComSoc Treasurer and at least five Members-at-Large with at least two having served as the general chair and at least one as the technical program chair of a major conference. All of these are voting members, in addition to the Director.

6.4.3 Conference Publications – This Board is responsible for the oversight of all ComSoc conference-based intellectual property. Members include representatives from GITC and major conferences. Additional members can be appointed. All are voting members, in addition to the Director.

6.4.4 Education & Training - This Board is responsible for the oversight of all Society education and training activities, including administration of the Society's programs on continuing education, incorporating tutorials, short courses, lectures, etc. Members include representatives from the Conference Development, Conference Operations, Conference Publications and Membership Programs Development Boards, and at least two Members-at-Large. All are voting members, in addition to the Director. The composition of this Board should be drawn from the academic, industrial, and government communities.

6.4.5 Journals – This Board is responsible for the oversight of Society journals. Voting members are the Editors-in-Chief of Society journals and two Members-at-

Large, in addition to the Director. Additional members can be appointed, including Liaison Editors to other IEEE journals. All of these are voting members, in addition to the Director.

6.4.6 Magazines – This Board is responsible for the oversight of Society magazines. Voting members consist of the Editors-in-Chief of Society magazines and two Members-at-Large, in addition to the Director. Additional members can be appointed, including Liaison Editors to other IEEE magazines. All of these are voting members, in addition to the Director.

6.4.7 Marketing & Industry Relations – This Board is responsible for assuring a comprehensive and cost-effective marketing program of Society products and services. It is also responsible for developing liaisons with communication related enterprises to promote ComSoc products and services. Members include representatives from the Membership Programs Development Board, the Member Relations Council, and at least four Members-at-Large. All of these are voting members, in addition to the Director. The composition of this board should be drawn from the academic, industrial, and government communities.

6.4.8 Membership Programs Development – This Board is responsible for the oversight of ComSoc member activities and benefits programs, for individuals, chapters, and sections. Members include four Regional Directors plus three members per region selected by the Director from a list of candidates, consisting of at least four names per region, submitted by each Regional Director. All of these are voting members, in addition to the Director. The composition of this board should be drawn from the academic, industrial, and government communities.

6.4.9 On-Line Content – This Board is responsible for initiating, assessing and overseeing Society on-line content. It supports technical committee activities; on-line services; as well as publications, conferences, and education products and services. Members include representatives from the Conference Development, Conference Operations, Education & Training, Journals, and Magazines Boards; the Technical Activities and Member Relations Councils; the CIO; and up to three additional members. All of these are voting members, in addition to the Director.

6.4.10 Regional Boards – These Boards are responsible for stimulating, coordinating and promoting the activities of ComSoc members and chapters throughout the IEEE regions. The four regions, each with its own Board, are:

- Asia/Pacific
- Europe, Middle-East & Africa
- Latin America
- North America

Regional Boards recruit new ComSoc members; stimulate participation in technical committees, meetings, and conferences; encourage submissions to Society publications; and cooperate and liaison with national scientific and professional societies. Each Board shall have a minimum of five voting members, in addition to the Director. The composition of these boards should be drawn from the academic, industrial, and government communities.

6.4.11 Sister & Related Societies – This Board is responsible for the oversight, collaboration, management, and strategic planning of society relationships with other IEEE societies, with similar national-based societies, and with professional organizations. Membership includes representatives from the Member Relations Council, from selected Sister Societies, from selected Related Societies, and at least

three Members-at-Large. All of these are voting members, in addition to the Director.

6.4.12 Standards Development - This Board is responsible for the promotion and advancement of communications standards and standards-related activities. It consists of eight voting members, in addition to the Director, who shall serve as Board Chair. All the Board members, including the Chair, shall serve two year terms concurrent with the Vice-President, Standards Activities. The Board Chair cannot serve in this capacity more than two terms. Other Board members may be reappointed for up to two additional terms. The Board members are appointed by the Director of Standards Development in consultation with the Vice President-Standards Activities and the Vice President-Technical Activities. Priority to serve on the Standards Development Board shall be given to: Standards Committee Chairs, ComSoc appointed Chairs or Co-Chairs for joint Standards Committees, Working Group Chairs who are directly sponsored by the Standards Development Board, ComSoc-appointed Working Group Chairs or Co-Chairs for jointly sponsored Working Groups and volunteers in ComSoc Technical Committee.

6.4.13 Standardization Programs Development - This Board is responsible for launching pre- and post-standardization technical activities, not restricted to those standards being developed by the IEEE Standards Association. These would include, but not be limited to Research Groups that lead to the discovery of standardization opportunities and, for completed standards, creation of follow-up programs, such as compliance testing, standards education, workshops and publications on technical issues that are relevant to current standards development. The Board will consist of four voting members, in addition to the Director, who chairs the Board. All four members will be appointed by the Director of Standardization Programs Development, in consultation with the Vice President –Standards

Activities and the Vice President – Technical Activities. All the Board members, including the Chair, shall serve two year terms concurrent with the Vice-President, Standards Activities. The Board Chair cannot serve in this capacity more than two terms. Other Board members can be reappointed for up to two additional terms.

6.5 Other operational Boards may be created by majority vote of the BoG. The scope of responsibility and Policies and Procedures must be defined before a new Board will be incorporated into the Bylaws.

ARTICLE 7 – STANDING AND AD HOC COMMITTEES

7.1 Standing Committees of the Society and their alignments under Society officers are:

- Finance President
- Governance President
- IEEE/ComSoc Coordination President
- Industry Content & Exhibition President
- Nominations& Elections President
- Operations & Facilities President
- Strategic Planning President
- GLOBECOM/ICC Management & Strategy VP Conferences
- GLOBECOM/ICC Technical Content VP – Conferences/VP - Technical Activities
- Women in Communications Engineering VP – Member Relations
- Awards VP - Technical Activities
- Communications History VP - Technical Activities
- Distinguished Lecturers’ Selection VP - Technical Activities
- Emerging Technologies VP - Technical Activities
- Fellow Evaluation VP - Technical Activities
- Technical Committees Recertification VP - Technical Activities

7.2 Policies and procedures will be proposed by each committee Chair with the approval of the designated Society officer.

7.3 Standing Committee Descriptions

7.3.1 Awards – This committee is responsible for all major awards and recognitions made or proposed by the Society. It consists of a Chair, appointed by the President upon recommendation of the Vice President - Technical Activities, and not less than twelve (12) members appointed by the Chair for three-year terms upon the approval of the Vice President - Technical Activities. One-third of the members are appointed each year. Committee members may not provide nominations or reference letters while in office, nor participate in deliberations on awards or recognitions for which they may be under consideration.

7.3.2 Communications History - This committee is responsible for identifying, placing in electronic archives, and raising public awareness through all appropriate steps on the most important facts/person/achievements of communications history in particular, as well as telecommunication milestones in general. The committee consists of a Chair, appointed by the President upon recommendation of the VP-Technical Activities and 3 members appointed by the Chair on approval of the VP-Technical Activities for three-year terms, one member appointed each year.

7.3.3 Distinguished Lecturers Selection – This committee is responsible for establishing selection criteria and for the appointment of lecturers. It is chaired by the Vice Chair of the Technical Activities Council. Members consist of the Vice President – Technical Activities, Vice President – Member Relations, the Director – Membership Programs Development, and the Chair of Emerging Technologies Committee.

7.3.4 Emerging Technologies – This committee is responsible for identifying, describing, and nurturing new technology directions, recommending new programs, and nurturing potential technical committees for formal proposal via the Vice President - Technical Activities. The Chair is appointed by the President from among members of the Strategic Planning Committee with the recommendation of the Vice President – Technical Activities. Additional members are appointed by the Chair with the consent of the Vice President – Technical

Activities and must include at least one more member from Strategic Planning. The committee will have six members appointed for three years with one-third appointed each year. In addition, the Editor-in-Chief of *IEEE Communications Magazine* and the Editor-in-Chief of *IEEE Journal of Selected Areas in Communications* are members of the committee.

7.3.5 Fellow Evaluation – This committee is responsible for the Society's evaluation of Fellow nominations being considered by the IEEE Fellow Committee. It consists of a Chair, appointed by the President with the recommendation of the Vice President - Technical Activities, and nine members. Each member is appointed by the Chair to a three-year term upon approval of the Vice President - Technical Activities, one-third of the members being appointed each year. Chair and members must be IEEE Fellows and Members of the Society.

7.3.6 Finance – This committee is responsible for facilitating the Society's budget process and for managing and providing direction in all aspects of Society financial matters. The committee meets twice a year at ICC/GLOBECOM. The committee is chaired by the Treasurer and includes the President, Past or President-Elect, Vice Presidents, CIO, Executive Director, and the representative from each MAL class.

7.3.7 GLOBECOM/ICC Management and Strategy (GIMS) – This committee is responsible for the successful conduct, strategic evolution, and policies of the IEEE Global Communications Conference (GLOBECOM) and the IEEE International Conference on Communications (ICC). The committee structure and operation is detailed in the GIMS charter. The voting members of the GIMS committee are: a Chair, three or four Members-at-Large, three past members of an ICC or GLOBECOM Organizing Committee, and the GITC committee Chair. The committee chair is appointed by the President with recommendation of the Vice President – Conferences. The other members are appointed by the Chair with approval of the Vice President – Conferences.

7.3.8 GLOBECOM/ICC Technical Content (GITC) – This committee is responsible for providing strategic vision and management of the technical content of GLOBECOM and ICC to guarantee timeliness and the highest level of quality. The committee structure and operation is detailed in the GITC charter. The voting members of the GITC committee are: a Chair, two to four members identified by the Technical Activities Council, three past ICC or GLOBECOM Technical Program Chairs, and the GIMS committee Chair. The committee chair is appointed by the President with recommendation of the Vice President – Conferences and the Vice President – Technical Activities. The other members are appointed by the Chair with approval of the Vice President – Conferences and the Vice President – Technical Activities.

7.3.9 Governance – This committee is responsible for reviewing proposed Bylaw changes in advance of BoG meetings and also effecting the Bylaw changes that result from actions of the BoG, making sure the new text is consistent with existing Bylaws, the ComSoc Constitution and other IEEE governing documents. It is also responsible for periodically proposing changes that will keep the Society’s governing documents, including

Policies & Procedures, current, allowing an efficient management of the Society. Membership: Chair appointed by the President, the Parliamentarian and up to three additional members appointed by the President upon recommendation of the Committee Chair, and should include one previous ComSoc President and one sitting Member at Large. The Chair and committee members will serve two-year terms concurrent with the President, with one reappointment allowed.

7.3.10 IEEE/ComSoc Coordination –This committee is responsible for the Society’s internal coordination and cooperation with IEEE entities and for enhancing Society relations with IEEE governance and staff. The chair is appointed by the President based upon recommendation of the VP-Member Relation. Voting members consist of the President, VP-Member Relations, Past President/President Elect, IEEE Division III Director, IEEE Division III Past Director/Director-Elect and Director-Sister & Related Societies.

7.3.11 Nominations & Elections – This committee is responsible for identifying candidates to fill elected Society officer positions, and for the development, implementation and supervision of election procedures. It consists of nine voting members, each appointed by the President, upon recommendation by the Chair, for a three-year term, one-third of the members being appointed each year. At least one annual appointee must not be a member of the BoG. Immediately after being elected and officially announced, the President-Elect becomes an *ex officio* non-voting committee member. Additionally, the current Division III Director shall be a voting member.

The committee is chaired by Past Presidents. Each President spends the first year after his/her term of office as an *ex officio* voting committee member. This Past President assumes the Chair the following year (an

odd-numbered year) and serves for two years. If the Past President is unable to serve, the President will appoint a Chair for a similar period, with the approval of the BoG. The Chair shall not be eligible to be elected to the BoG during his/her term of service. A committee member may be nominated for a position only if (i) the nomination is not made by a member of the committee, and (ii) the member resigns from the committee prior to its first meeting of the year in which the nomination shall be made. Meetings of this committee will always be held in Executive Session. The number of signatures required for a petition candidate to appear on a ComSoc ballot shall be equal to the number required by the IEEE Bylaw on Nominations & Appointments. All candidates for appearance on the ballot must be identified at least 28 days prior to the date of the election. The operation of the committee is detailed in its policies and procedures.

7.3.12 Operations & Facilities – This committee is responsible for supporting the President in making recommendations to the BoG on operations, facilities and related capital expenses. It is chaired by the President and includes the following as members who serve for the duration of the President’s term:

- CIO
- Treasurer
- Four members appointed by the President from among volunteer BoG officers
- One member appointed by the President from among volunteers who are not on the BoG

The Executive Director is an ex-officio non-voting member of this committee. The Committee may approve the participation of invited experts as required by the agenda items. Meetings of this committee will always be held in Executive Session.

7.3.13 Strategic Planning – This committee is responsible for preparing a long-term strategic plan to guide the direction and future of the Society and for preparing short-term plans to direct specific areas, as appropriate. It consists of a Chair and up to 10 members all appointed by the President for the term of his/her office. One of the members is the Chair of Emerging Technologies Committee.

7.3.14 Technical Committees Recertification – This committee recommends the establishment of new Technical Committees and reviews current committees to determine whether they are fulfilling their responsibilities. The committee is chaired by the Vice President – Technical Activities and includes the TAC Vice Chair and six members, each appointed for a three-year term. One-third of the members are appointed each year by the Vice President – Technical Activities from among Members-at-Large of the BoG. Committee members who are also officers of Technical Committees under review must excuse themselves from deliberations related to their Technical Committee.

7.3.15 Industry Content & Exhibition – This committee is responsible for promoting the strategic vision and management of programs attractive to members from or with an interest in industry in the Society's activities, including assuring high quality and value.

7.3.16 Women in Communications Engineering – This committee is responsible for encouraging the participation and membership of women communications engineers in the Society. The Chair is appointed by the President and reports to the Vice President - Member Relations. Members are appointed by the Chair to a three-year term upon approval of the Vice President Member Relations with one third of the members appointed each year. The committee will meet at least once year at ICC or GLOBECOM. It will provide an

annual written report, which will be distributed to the Society President, Vice Presidents, and Technical Committee Chairs prior to each ICC.

7.4 Standing Committees may have additional or fewer members as determined by the President on an exception basis and for a designated term. Additional members are appointed in consultation with the appropriate Vice President and Standing Committee Chair.

7.5 The President shall inform the Board of Governors in the first formal meeting of his term the roster of all Standing Committees.

7.6 Standing Committees with defined scopes and responsibilities may be created by majority vote of the BoG.

7.7 Ad Hoc Committees may be established by the President in consultation with the Board of Governors to address broad technical or operational issues within the Society or IEEE. Chair and members are appointed by the President. President will report the composition, mission, and duration of the committee to the BoG. OpCom will review Ad Hoc Committees annually and recommend whether they should continue, disband, or be elevated to Standing Committees.

ARTICLE 8 – SOCIETY REPRESENTATIVES

Representatives are responsible for representing the Society in other IEEE organizations and other non-IEEE Societies and organizations. They are appointed by the President for terms as required by the other organization, in consultation with the appropriate Vice President.

ARTICLE 9 – BUDGET AND FINANCE

9.1 Officers will prepare budgets for the coming calendar year in the first half of each year to be approved by the BoG at its mid-year meeting. Actuals will be reviewed throughout the year, and forecast reported at each meeting.

9.2 Dues and fees are set by the BoG in accordance with IEEE and Society guidelines and are based upon proposals by the Treasurer to the BoG. Billing and receipt of annual dues are part of the IEEE dues billing process.

9.3 Budget

9.3.1 Each year the Society produces a budget which must be approved by the BoG.

9.3.2 The Treasurer is responsible for the development of the Society annual budget, and submitting to IEEE Technical Activities for consolidation with other societies, and ultimately to the IEEE for their consolidated budget. The Treasurer monitors revenues and expenses, providing interim reports on budgets, forecast, actuals at each BoG and OpCom meeting. A complete financial report, including actual versus budget, net assets, and reserves is presented by the Treasurer annually.

9.4 Finance

9.4.1 The Treasurer has oversight responsibility for all Society financial matters.

9.4.2 Funds will be handled as designated by the Treasurer and will be deposited with IEEE or with external financial institutions, as approved by the BoG, and/or IEEE Board of Directors.

9.4.3 The Treasurer, or Society Executive Director, or their designee will follow orderly procedures for disbursement of funds, providing sufficient checks and balances and appropriate record keeping. A budgeted expenditure requires no further approval beyond approval of the Treasurer.

9.4.4 The Treasurer will periodically review the Society finances and recommend adjustments needed to insure financial stability of the Society.

9.4.5 The Treasurer will cooperate with Society and IEEE officials to accomplish financial audits when requested. The results of these audits will be presented to the BoG.

IEEE COMMUNICATIONS SOCIETY

OVERVIEW

The **IEEE Communications Society** is a diverse group of industry professionals with a common interest in advancing all communications technologies. Individuals within this unique community interact across international and technological borders to:

- produce publications
- organize conferences
- foster educational programs
- promote local activities
- work on technical committees
- support industry standards

The foundation of the IEEE and its societies' structure was due in great part to the activity of members in the communications field. The American Institute of Electrical Engineers (AIEE), founded in 1884 to advance electrical power technologies, and the Institute of Radio Engineers (IRE), founded in 1912 to explore expanding radio and communications technology, merged in 1963 to form The Institute of Electrical and Electronics Engineers, Inc (IEEE).

The Communications Society began with the formation of the IRE's Professional Group on Communications Systems (PCCS) in 1952. **A Brief History of Communications**, originally published in 2002 to commemorate the Society's 50th anniversary, was revised and updated as a 2nd Edition in 2012. The content captures the major communications technology events of the

20th and 21st centuries, provides interviews of leaders, and gives a brief overview of Society history. Digital or print copies of the 2nd Edition are available by sending a request to society@comsoc.org.

In the past sixty years ComSoc has increased its membership over five-fold from 8,800 when it began operations as an independent Society of the IEEE to over 50,000 today. The Society has become the premier international forum for the exchange of ideas on communications technologies and information networking including wireless technology, the Internet, and optical systems.

The volunteer members of the Society shape the course of ComSoc, its publications, technical activities and conferences while the Society's strength comes from the vision and dedication of its members and staff.

Membership Demographics

Where Members Live

Membership growth has been stronger outside of the USA (Regions 1-6) and Canada (Region 7). Europe/Middle East/Africa (Region 8), Latin America (Region 9), and the Asia/Pacific (Region 10) have all seen increasingly significant growth.

Global Membership

- 39% USA — 76 Chapters
- 5% Canada — 16 Chapters
- 25% Europe/Middle-East/Africa — 52 Chapters
- 6% Latin/America — 25 Chapters
- 25% Asia/Pacific — 42 Chapters

Members Work

With many members involved with private industry, ComSoc is well positioned to cover emerging product and service innovations, while its important membership segment in academia provides the theoretical foundations for future development.

- 37% Private Industry
- 50% Education
- 3% Consulting
- 5% Public/Government/Non-Profit
- 5% All other

Operations

Revenues and Expenses

The IEEE Communications Society currently has revenues and expenses over \$17 million per year. Less than 10% of revenue comes from membership dues. Most is derived from publications and conference activities, which enjoy solid support from both members and nonmembers.

Revenue

- 51% Conferences
- 38% Publications
- 7% Dues
- 4% Other

Expenses

- 48% Conferences
- 18% Publications
- 19% Administration
- 8% Programs
- 6% Membership & Marketing

Conferences

Every year, the IEEE Communications Society sponsors major conferences that attract hundreds of the best quality paper/presentation submissions and attendees. Held at convenient locations around the world, these meetings attract thousands of participants who have much to share beyond their strong desire to learn. Communications Society conferences and workshops provide ideal opportunities to be a part of the latest technological developments and to network with the leaders who are changing the world of communications.

ATC

International Conferences on Advanced Technologies for Communications

www.rev-conf.org

ATC covers a comprehensive range of communication and electronics technologies contributing toward a “Flat World” of communications. It gives a focus on intelligence and security issues for advanced communication systems and services, as well as emerging technologies and applications.

IEEE ANTS

IEEE Advanced Networks & Telecommunication Systems

www.ieee-ants.org

ANTS fosters strong relationship in the telecom field across diverse stakeholders: from industry to academics to government; from researchers to practitioners to business professionals; from system vendors to equipment manufacturers to telecom network operators.

IEEE CCNC

IEEE Consumer Communications & Networking Conference

www.ieee-ccnc.org

CCNC represents a singular opportunity for consumer electronic manufacturers to join with communications and networking manufacturers and service providers. It represents the latest approaches and technical solutions in the area of home networking and consumer networking.

IEEE CogSIMA

IEEE Conference on Cognitive Methods in Situation Awareness and Decision Support

www.ieee-cogsima.org/

CogSIMA provides a venue for presenting scientific results of studies of complex, heterogeneous dynamical systems that include humans, physical systems and computer agents.

IEEE DySPAN

The IEEE International Symposium on Dynamic Spectrum Access Networks

www.ieee-dyspan.org

Bringing technologists together with the spectrum policy community charged with re-architecting the legal regime for managing spectrum in the 21st century to accommodate new technologies.

IEEE EDOC

IEEE Enterprise Distributed Object Computing Conference

www.ieee-edoc.org

EDOC addresses the full range of engineering technologies and methods contributing to enterprise distributed application systems.

IEEE GLOBECOM

IEEE Global Communications Conference

www.ieee-globecom.org

One of the Communications Society's flagship conferences, GLOBECOM provides a full program of technical and professional activities spanning the range of hot topics in voice, data, image and multimedia communications.

IEEE HEALTHCOM

IEEE International Conference on e-Health Networking, Application & Services

www.ieee-healthcom.org

Healthcom brings together interested parties from around the world working in the health care field to exchange ideas, to discuss innovative and emerging solutions and to develop collaborations.

IEEE ICC

IEEE International Conference on Communications

www.ieee-icc.org

ICC features the latest developments in telecommunications from a technical perspective.

Subjects include Communications Theory, Wireless Communications, Wireless Networking, Optical Networking, Next Generation Networks for Universal Services, Multimedia Communication and Home Networking, Signal Processing for Communications, Communications QoS, Reliability and Performance Modeling.

IEEE ICME

International Conference on Multimedia and Expo
www.icme2014.org/

ICME serves as a forum for the dissemination of state-of-the-art research, development, and implementations of multimedia systems, technologies and applications.

IEEE IM

IFIP/IEEE International Symposium on Integrated Network Management
www.ieee-im.org

IM is one of the world's premier conferences on network management. It meets in odd-numbered years, typically during May.

IEEE INFOCOM

IEEE International Conference on Computer Communications
www.ieee-infocom.org

Addressing key issues related to recent advances in computer communications and networking, INFOCOM brings researchers and practitioners together to present the most up-to-date achievements.

IEEE ISPLC

IEEE International Symposium on Power Line Communications
www.ieee-isplc.org

A forum for the discussion of the issues associated with the use of electrical power distribution wires as a viable communication channel.

IEEE ISCC

IEEE Symposium on Computers and Communications

www.comsoc.org/iscc/

ISCC started in 1995 in response to the growing interaction between the fields of computers and communications.

IEEE IWQoS

IEEE Workshop on Quality of Service

www.ieee-iwqos.org

IWQoS provides an international forum for the cutting edge research in Quality of Service field, including related issues such as availability, reliability, security, pricing, resource management, and performance guarantees.

IEEE NOMS

IEEE/IFIP Network Operations and Management Symposium

www.ieee-noms.org

Held in even-numbered years since 1988, NOMS continues to be the primary forum for technical exchange of research, standards, development, systems integrator, service providers, and user communities, presenting the latest approaches and technical solutions in the area of network operations and management.

IEEE P2P

IEEE International Conference on Peer-to-Peer Computing

www.ieee-p2p.org

P2P is an annual conference concerned with overlay network technologies and massively distributed systems and applications. Peer-to-Peer systems benefit from and share the resources owned by systems that are distributed around the Internet.

IEEE PIMRC

Annual IEEE International Symposium on Personal, Indoor & Mobile Radio Communications

www.ieee-pimrc.org

PIMRC has attracted major figures in the cellular, PCS, wireless LAN, and mobile data industries.

Conference topics are presented in keynotes, tutorials, technical, and panel sessions.

IEEE SECON

IEEE Sensor and Ad Hoc Communications and Networks

www.ieee-secon.org

SECON provides a forum for exchanging ideas, techniques, and applications among researchers, practitioners, standard developers, policy makers.

IEEE SmartGridComm

IEEE International Conference on Smart Grid

www.ieee-smartgridcomm.org

SmartGridComm focuses on all communications aspects related to the Smart Grid initiative, an initiative that has the goal of achieving the modernization and optimization of the power grid so that it is more reliable, efficient, secure, and environmentally neutral.

IEEE WCNC

IEEE Wireless Communications & Networking Conference

www.ieee-wcnc.org

WCNC, one of the world's foremost international technical conferences in wireless technologies, offers the best and most current tutorials, research results, industry-oriented technical content and perspectives on wireless communications, networks and systems.

MILCOM

IEEE/AFCEA Military Communications Conference

www.milcom.org

MILCOM offers a full program of technical sessions, tutorials, keynote speakers, and panel discussion

focusing on information relevant to communication and information systems capabilities that address the 21st century challenges of National Defense and Homeland Security.

OFC 2015

IEEE/OSA Optical Fiber Communication Conference and Exposition

www.ofcconference.org

The OFC audience spans the entire industry, from scientists and engineers to manufacturers and service providers. It provides the industry's most comprehensive view of optical technology — the latest research breakthroughs and innovations.

IEEE ONLINEGREENCOMM '14

IEEE Online Conference on Green Communications

www.ieee-onlinegreencom.org

ONLINEGREENCOMM is dedicated to addressing the challenges in energy-efficient communications for green technologies.

Technical Committee Workshops

- IEEE CAMAD
IEEE International Workshop on Computer Aided Modeling & Design of Communication Links & Networks
www.ieee-camad.org
- IEEE CCW
IEEE Workshop on Computer Communications
www.ieee-ccw.org
- IEEE CTW
Communications Theory Workshop
www.ieee-ctw.org
- IEEE CQR
IEEE International Communications Quality and Reliability Workshop
www.ieee-cqr.org

- IEEE LAN/MAN
IEEE Workshop on Local & Metropolitan Area Networks
www.ieee-lanman.org

Publications

From magazines to journals to online access and digital editions, the IEEE Communications Society produces the world's most cited publications in communications technology and science. Some come free with membership. All publications are available online. See the Communications Society web site and Digital Library at www.comsoc.org for submission instructions, subscription information and more details.

Citations

IEEE Communication Society publications earned some of the highest ratings among telecommunications journals and magazines in the ISI® "2013 Journal Citation Report" ComSoc publications occupied 8 of the top 10 places for impact factor:

- 1. IEEE Communications Surveys & Tutorials**
- 2. IEEE Wireless Communications Magazine**
- 3. IEEE Communications Magazine**
- 4. IEEE Journal on Selected Areas in Communications**
- 5. IEEE Network Magazine**
- 6. IEEE/ACM Journal of Lightwave Technology**
- 7. IEEE Transactions on Wireless Communications**
- 8. IEEE Transactions on Mobile Computing**

Impact factor measures how often the "average article" in a journal has been cited. It is calculated by dividing the number of current year citations by the source items published in that journal during the previous two years.

IEEE Communications Magazine, considered by many members to be their most important member benefit, provides the latest information on all communications technologies, such as Lightwave Systems, Broadband Communications, Multimedia Services, and Wireless Networks. Now with monthly digital delivery service, issues are delivered to readers' desktop as soon

as they're published Interactive links and page archiving are some of the added new features of digital delivery.

In addition to its in-depth technical articles, the magazine also brings other important departments such as:

The Global Communications Newsletter, a monthly feature containing articles about worldwide events related to communications and Society activities.

IEEE Optical Communications, a series dedicated to fiber optics technology.

IEEE Radio Communications, a series presenting in-depth, cutting-edge tutorials, emphasizing state of the art design solutions, involving physical and other lower layer issues in radio communications.

IEEE Network: The Magazine of Global Internetworking has technical co-sponsorship support from the IEEE Computer Society and Internet Society; this bimonthly magazine covers all aspects of computer communications.

IEEE Wireless Communications, a bimonthly magazine, covers technical and policy issues relating to personal, location-independent communications in all media and at all protocol layers.

IEEE Transactions on Communications is regarded as "the source" for breakthrough communications theories and practical applications. Each month, this world renowned, scholarly journal covers all aspects of communications from telephony to communication theory.

IEEE Journal on Selected Areas in Communications is designed for leading edge communications researchers. Each of this scholarly journal's issues focuses in-depth attention on critical aspects of one specific communications topic, from electromagnetic propagation to multimedia communications, from components to systems.

IEEE Communications Surveys & Tutorials, an all-electronic publication, offers a continuously available source of peer-reviewed, comprehensive, leading-edge surveys covering all active

areas of communications. All ComSoc members and IEEE members have free access to this online publication.

IEEE/ACM Transactions on Networking, a bimonthly archival journal, reflects the multi-disciplinary nature of communications networks and is sponsored by the IEEE Communications Society, the IEEE Computer Society, and the Association for Computing Machinery (ACM).

IEEE Transactions on Wireless Communications, cosponsored by the IEEE Signal Processing Society, focuses on high-quality, peer-reviewed, original papers that advance the state-of-the-art and applications of wireless communications including theoretical contributions such as new techniques, concepts and analyses, and practical contributions such as system experiments and prototypes, and new applications monthly.

Transactions on Network and Service Management (TNSM) offers timely electronic presentation of archival research on the management of networks, systems, services and applications, as well as on issues in communications software, service engineering, policies and business processes for network and service management. Online access only.

IEEE Wireless Communications Letters, A bimonthly journal publishing shorter, high-quality manuscripts on advances in the state-of-the-art of wireless communications.

IEEE Transactions on Mobile Computing, a bi-monthly journal cosponsored with the Computer Society, publishes archival research results related to mobility of users, systems, data, and computing as well as issues in information organization and access, services, management, and applications.

IEEE Transactions on Multimedia captures the seminal work in this rapidly growing field and integrates all aspects of multimedia systems and technology, signal processing, and applications.

IEEE/OSA Journal of Lightwave Technology is the premier source of current information on all aspects of optical guided-wave science, technology and engineering This monthly journal publishes peer-reviewed original contributions, and special issues,

and invites tutorial and review papers from world experts. All ComSoc members have full online access to JLT.

IEEE/OSA Journal of Optical Communications and Networking publishes both theoretical and practical contributions that advance the state-of-the-art in optical communications and networking research.

Technically Co-Sponsored Publications

IEEE Communications Society cooperates with technical co-sponsorship with several IEEE publications including the following:

IEEE Transactions on Information Forensics and Security
IEEE Reviews in Biomedical Engineering
IEEE Transactions on Cloud Computing
IEEE Transactions on Computational Intelligence and AI in Games
IEEE Transactions on Consumer Electronics
IEEE Internet Computing Magazine
IEEE Multimedia Magazine
IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing
IEEE Transactions on Smart Grid
China Communications
IEEE/KICS Journal of Communications & Networks
IEEE Transactions on Applied Superconductivity
IEEE Internet of Things Journal

Publications Contents Digest offers linked Tables of Contents of all Communications Society periodicals. Monthly online delivery to ComSoc members.

IEEE ComSoc Technology News (CTN), an online publication, periodically provides summaries of interesting, timely, newsworthy papers and articles from ComSoc and IEEE publications.

Best Readings, offers a collection of books, articles, and papers on a featured topic.

ComSoc e-News, a free service distributed monthly to ComSoc members, others who subscribe to ComSoc magazines and journals, and attendees at the more than 50 annual ComSoc-sponsored conferences, meetings, workshops and symposia. **IEEE Wireless Communications Professional**, a bi-monthly newsletter, a free service for those interested in wireless industry issues and IEEE Wireless Communication Engineering Technologies (WCET) Certification.

IEEE Communications Society publications are available online. See the publications area or the ComSoc Digital Library on the ComSoc web site at www.comsoc.org or the IEEE web site at www.ieee.org.

ComSoc Digital Library

Up-to-date electronic versions, available as pdf files, of ComSoc traditional print publications are available to members and subscribers through the ComSoc web site. Some editions include articles or papers enhanced with additional editorial files. All members can access the CommOntology expert navigation system, create My ComSoc preferences, view US Patent citation in bibliographic data, and download pdf files of current and previous copies of *IEEE Communications Magazine*. The ComSoc Digital Library includes selected conference proceedings and legacy files back to 1953.

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ComSoc Digital Library and ComSoc Digital Library Plus Packages
ComSoc members can purchase “electronic access only” to the electronic editions of Society publications:

- *Network Magazine*
- *Wireless Communications Magazine*
- *Transactions on Communications*
- *Communications Letters*
- *Journal on Selected Areas of Communications*
- *Transactions on Networking*
- *Transactions on Wireless Communications*
- *IEEE/KICS Journal of Communications and Networks*
- *Transactions on Network and Service Management*
- *Communications Surveys & Tutorials*
- *Wireless Communication Letters*
- *Journal of Optical Communications & Networking*

In addition, current conference proceedings include: IEEE ICC, GLOBECOM, WCNC, SECON, PIMRC, CCNC, DYSPAN, MILCOM, NOMS, IM, and INFOCOM. The optional Digital Library package of electronic access provides current year files and the previous three years, about 24,000 papers, but eliminates traditional print delivery

The ComSoc Digital Library Plus option includes what is accessible through the standard package and supplements this with pdf files for the periodicals back to 1953, about 95,000 papers. Access is through the Communications Society web site.

IEEE Certification

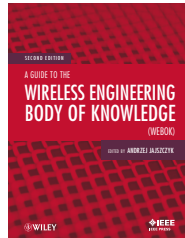


Wireless Communication Engineering

Technologies (WCET) is a certification program and an examination that reflects the realities of what wireless professionals

need to know and be able to do on the job.

WCET certification provides a credential in the areas most valued by an employer or potential employer. A company that hires, promotes, or assigns a WCET certificant to a task within the purview of the certification can do so with confidence that the individual possesses the essential knowledge associated with performing that task. It is guided by an Industry Advisory Board, and supported by Question Writers and Examination Oversight committees. Members of these groups guide future certification examinations to ensure that the most current technologies, up-to-date procedures, and latest regulations and customer needs are part of the examination and therefore part of the certified knowledge and skills. ComSoc is committed to keep WCET current and valuable to both individuals and employers.



In Japan, please contact the MCPC (Mobile Computing Promotion Consortium): www.mcpc-jp.org

In Taiwan, please contact NTUST (National Taiwan University of Science & Technology): www.ieee-wcet.org/ntust.html

Testing Windows for Fall 2014:

6 October - 1 November 2014

Application deadline: 19 September 2014

Free IEEE WCET Candidate's Handbook and IEEE Wireless Communications Professional newsletter, provide all the details for your WCET certification preparation. Practice exam, Training, Online Tutorials and WEBOK are also available. Please visit the Certification website for the latest updates: www.ieee-wcet.org



ComSoc Training - Continuing education for the communications professional, offers online and in-person training.

One-day, two-day, three-day and five-day training options are available. IEEE maintains an official registry of all CEUs awarded. This makes accounting to state licensing boards an easier task for engineers. It also helps IEEE organizational units keep track of seminar/tutorial participants. Current offerings focus on wireless communications engineering. Visit: www.comsoc.org/training

2014 Tentative Schedule of Courses (See Schedule Online)

- 4 June Wireless Communications Engineering: Current Practice on Seven Key Areas
- 11 June LTE for the Wireless Engineering Practitioner: Fundamentals & Applications
- 18 June VoLTE: Convergence of IMS-based Voice and LTE

Other Services and Products



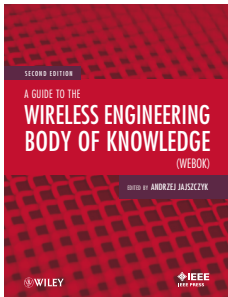
IEEE ComSoc Webinars

ComSoc webinars, with audio/video/slide show downstream and text (for Q&A) upstream, focus on the technologies, systems, products and services of interest to both corporate sponsor(s) and worldwide technical audiences.

Typically webinars run for 1.5-2 hours and cover 3 or 4 presentations, are free to the viewing audience. ComSoc

Webinars are corporate sponsored and developed in coordination with ComSoc. A recent webinar is LTE and LTE-A MIMO Link Adaptation Performance Optimization. For more information, please visit www.comsoc.org/webinar.

Guide to the Wireless Engineering Body of Knowledge 2nd Edition (WEBOK)



The ultimate reference on wireless technology—now updated and revised. Fully updated to incorporate the latest developments and standards in the field, ***A Guide to the Wireless Engineering Body of Knowledge, Second Edition*** provides industry professionals with a one-stop reference to everything they need to design, implement, operate, secure, and troubleshoot wireless networks.

Written by a group of international experts, the book offers an unmatched breadth of coverage and a unique focus on real-world engineering issues. The authors draw upon extensive experience in all areas of the technology to explore topics with proven practical applications, highlighting emerging areas such as Long Term Evolution (LTE) in wireless networks. The new edition is thoroughly revised for clarity, reviews wireless engineering fundamentals, and features numerous references for further study.

Based on the areas of expertise covered in the IEEE Wireless Communication Engineering Technologies (WCET) exam, this book explains:

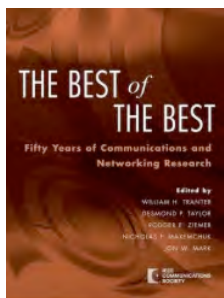
- Wireless access technologies, including the latest in mobile cellular technology
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The Best of the Best Fifty Years of Communications and Networking Research



Edited by William H. Tranter, Desmond P. Taylor, Rodger E. Ziemer, Nicholas F. Maxemchuk, and Jon W. Mark. *The Best of the Best* presents 56 papers divided into two categories — Communications and Networking. This selection of key journal research papers is a compilation of the most outstanding papers published by ComSoc — Cerf, Kahn, Kleinrock, Lucky, Baran, Viterbi, and many more.

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E-Book Classics

IEEE members now have access to more than 280 eBooks from the IEEE Press collection through IEEE Xplore. The eBook collection spans a number of today's technologies such as communications, and includes:

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- Introductory and advanced texts
- Reference works
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Libraries

Government, institutional, and corporate libraries can purchase electronic access to Communications Society publications through several IEEE subscription options including the IEEE Communications Library. Individual papers are available for purchase electronically through *IEEE Xplore* or the Communications Society Digital Library. Visit: www.ieee.org

Standards

For ComSoc Standard projects, see: www.standardsieee.org. Search “communications society”

ComSoc Publications 2014 Subscription Rates At-A-Glance

IEEE Communications Society 2014 Membership Dues - \$28. Includes online access, and digital delivery.

Print subscription to IEEE Communications Magazine is \$35 additional

PUBLICATIONS		Non-member rate	Member rate
<i>IEEE Communications Magazine</i>	print	\$770	included
	online	\$670	
	both	\$960	
<i>IEEE Network: The Magazine of Global Internetworking</i>	print	\$620	\$36
	online	\$540	
	both	\$775	
<i>IEEE Wireless Communications Magazine</i>	print	\$705	\$36
	online	\$615	
	both	\$880	
<i>IEEE Communications Letters</i>	print	\$710	\$40
	online	\$620	
	both	\$885	
<i>IEEE Transactions on Communications</i>	print	\$1925	\$45
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	both	\$2405	
<i>IEEE Journal on Selected Areas in Communications</i>	print	\$1805	\$45
	online	\$1570	
	both	\$2255	
<i>IEEE Communications Surveys and Tutorials</i>	online	\$650	Included
<i>IEEE Transactions on Network & Service Management</i>	online only	\$320	\$36

<i>IEEE Wireless Communications Letters</i>	print	\$515	
	online	\$450	\$18
	both	\$645	\$95
<i>IEEE/OSA Journal of Lightwave Technology</i>	print	\$2365	
	online	\$2055	Included
	both	\$2840	\$80
<i>IEEE/OSA Journal of Optical Communications & Networking</i>	print	\$2345	
	online	\$2040	\$57
	both	\$2890	\$79
<i>IEEE Transactions on Wireless Communications</i>	print	\$1535	
	online	\$1335	\$42
	both	\$1920	\$87
<i>Communications Society Digital Library</i>	online	N/A	\$159
<i>Communications Society Digital Library Plus</i>	online	N/A	\$249
<i>IEEE Communications Library</i>	online	\$23,995	N/A

Member half-year rates begin 1 March, please consult the ComSoc [www](#) site. Rates for student members are 50% of higher-grade rates.

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