



***IEEE  
Communications  
Society  
2003***



# *IEEE Communications Society*

... a diverse group of international communications professionals with a common interest in advancing all communications technologies. Toward that end it sponsors publications, conferences, educational programs, local activities, and technical committees that:

- *Foster original work in all aspects of communications.*
- *Encourage applications for voice, data, image, and video communications and the integration of computing and communications.*
- *Promote the theory and development of end-to-end communications networking and systems.*
- *Advance communications infrastructure and technologies for systems including the Internet, personal communications, multimedia communications, enterprise networks, and optical communications.*



# *Communications Society Vision*

***To be the organization of choice for  
communications and related  
professionals throughout the world***

- ***World-leading membership services***
- ***Professional values, diverse volunteerism and sound management***
- ***Magnet for presentation and debate attracting the best people and the best work in the world***
- ***Financial strength with defined strategic directions***
- ***Agility and response to member needs in a timely fashion***



# *Communications Society Mission*

***The IEEE Communications Society promotes the advancement of science, technology and applications in communications and related disciplines. It fosters presentation and exchange of information among its members and the technical community throughout the world. The Society maintains the highest standard of professionalism and technical competency.***



# *Strategic Elements*

- **Agility in response to member needs and world industry dynamics**
- **Applications of electronic processes**
  - **Web, CD-ROM, other**
  - **Electronic attendance**
  - **Electronic commerce**
- **Information Gateway**
- **Experimental Innovation**
- **Membership “stretch” goals**
- **Accelerated globalization in all aspects**
- **Partnership with the world industry**
- **Cooperation with the IEEE Computer Society/other IEEE Societies/Sister-Societies**
- **Health of the parent organization and its smaller Societies**



# *Virtual Communications Society*

**The expanded and extended community of communications industry professionals sharing the common interest of advancing communications technologies.**

- **Serving member and nonmember needs**
- **Interacting extensively with ComSoc's Information Gateway**
- **Offering electronic publication**
- **Developing online education and reference**
- **Facilitating electronic attendance**
- **Supporting electronic commerce**
- **Fostering global collaboration**



# IEEE Communications Society

## FORMATION

- 1952 IRE Professional Group on Communications Systems (PGCS)
- 1964 IEEE Group on Communications Technology (ComTech) – 4,400
- 1972 IEEE Communications Society (ComSoc) – 8,800

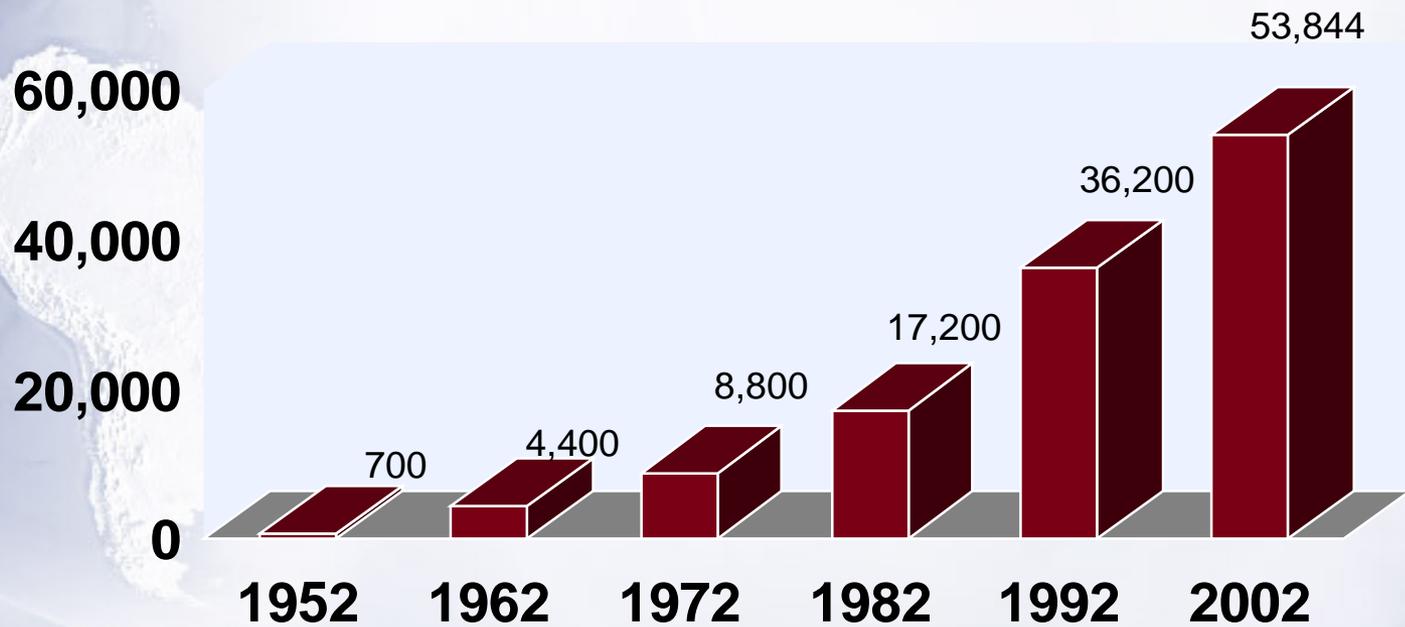
## MEMBERSHIP

Members	45,953	Region 1-6	53%
Students	6,379	Region 7	5%
Affiliates	512	Region 8	21%
<b>Total 2001</b>	<b>53,844</b>	Region 9	4%
		Region 10	18%
		US	53%
		Non-US	47%

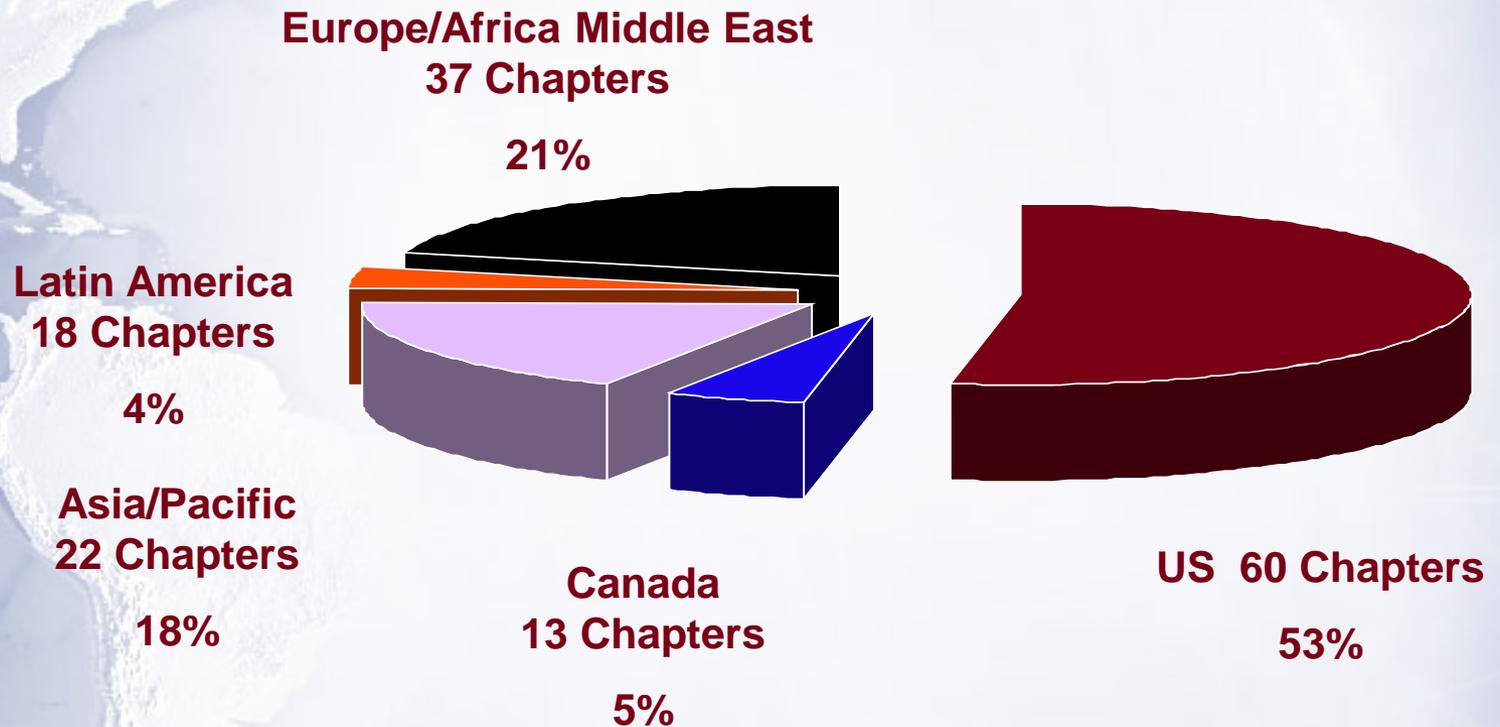


# *IEEE Communications Society*

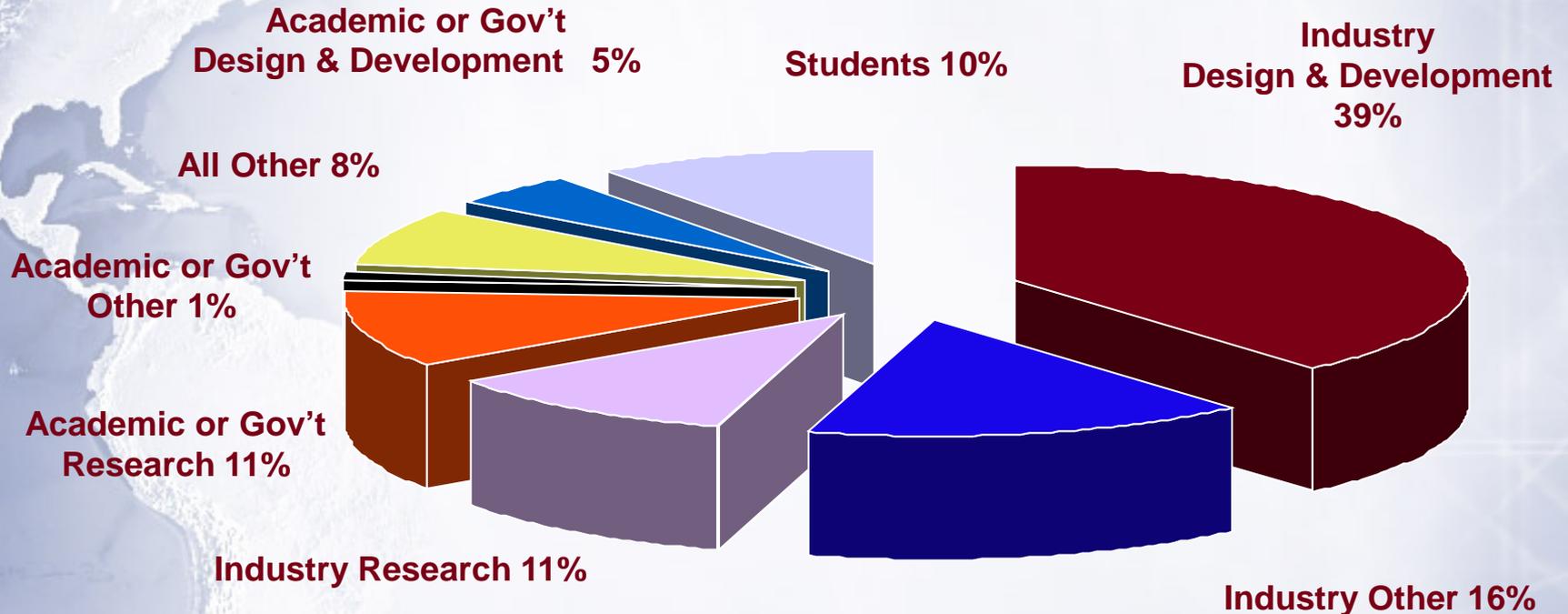
## *Membership Growth*



# *Where Members Live*



# Member Employment

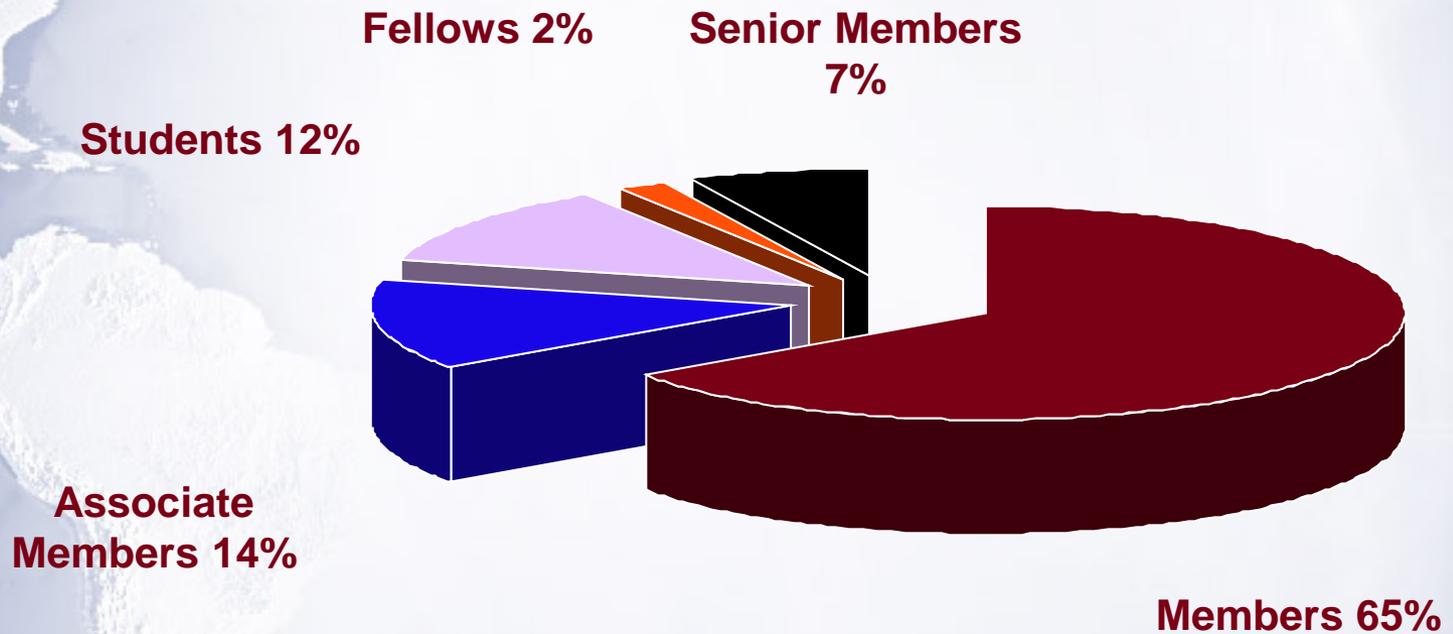


Industry Other includes operations, marketing, finance, etc.

All Other includes retired and unemployed.



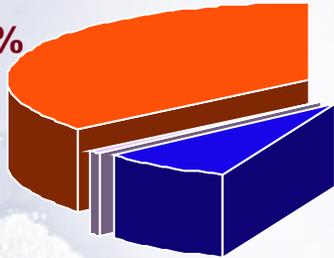
# *Members by Grade*



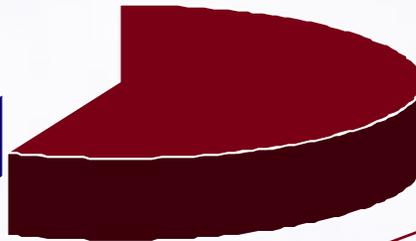
# Revenue *(\$16 million budget)*

Publications  
(including  
advertising)

35%



Conferences 57%

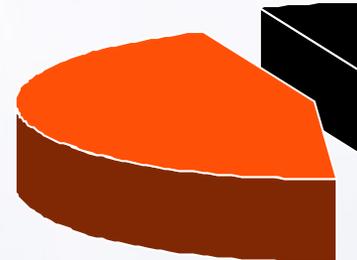


Other 1%

Membership Dues 7%

# Expenses

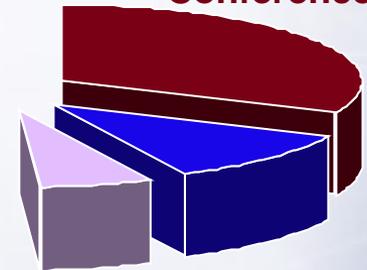
Membership & Marketing 5%



Publications 29%

Administration 15%  
(Salaries and facilities  
allocated to functions)

Conferences 41%



Programs 10%



# ***IEEE Communications Society Publications***

***IEEE Communications Magazine (Includes Global Communications Newsletter)***

***IEEE Wireless Communications Magazine***

***IEEE Network: The Magazine of Global Internetworking***

***IEEE Transactions on Communications***

***IEEE Journal on Selected Areas in Communications***

***IEEE Communications Letters***

***IEEE Transactions on Wireless Communications***

***IEEE/ACM Transactions on Networking***

***IEEE Pervasive Computing***

***IEEE Transactions on Multimedia***

***IEEE Transactions on Mobile Computing***

***IEEE/OSA Journal of Lightwave Technology***



# *IEEE Communications Society*

## *On Line Publications*

- **ComSoc Digital Archives - CommOntology**  
(Search & display metadata via the CommOntology)
- **ComSoc Electronic Periodical Package (EPP & EPP Plus)**  
(electronic access (pdfs) to ComSoc periodicals & proceedings)
- **IEEE Communications Interactive**  
(electronic html edition of *IEEE Communications Magazine*)
- **IEEE Wireless Communications Interactive**  
(electronic html edition of *IEEE Wireless Communications Magazine*)
- **IEEE Network Interactive**  
(electronic html edition of *IEEE Network Magazine*)
- **IEEE Communications Surveys and Tutorials**  
(online only publication)
- **ComSoc e-News**  
(free bi-monthly message to members and requesters)

Communications Society journals and transactions also available electronically through IEEE's www site - Xplore



# *IEEE Communications Society*

## *Major Conferences*

### **GLOBECOM**

Global Communications Conference  
(November/December) Attendance 1500-2000

### **MILCOM**

Military Communications Conference (October)  
Attendance 800-1000

### **NOMS**

IEEE/IFIP Network Operations and Management  
Conference -- even years (April)  
Attendance 500

### **IM**

International Symposium on Integrated Network  
Management -- odd years (March)

### **ICC**

International Conference on Communications  
(May/June) Attendance 1500-2000

### **OFC**

Optical Fiber Conference  
Joint with LEOS and OSA (Managing Partner)  
(March) Attendance 25,000+

### **WCNC**

Wireless Communications and Networking Conference  
(March) Attendance 450

### **INFOCOM**

Conference on Computer Communications (April)  
Attendance 700



In addition, ComSoc sponsors or cosponsors an average of 40+ conferences, symposiums and workshops each year.

# *IEEE Communications Society*

## *How to Become a Member*

To join the IEEE and/or the Communications Society,  
complete the on-line application or request an application form via:

web: [www.comsoc.org](http://www.comsoc.org) or [www.ieee.org](http://www.ieee.org)

e-mail: [new.membership@ieee.org](mailto:new.membership@ieee.org)

tel: +1 800 678 IEEE (USA or Canada)

+1 732 981 0060 (worldwide)

fax: +1 732 981 0225

mail: IEEE Admissions and Advancement

445 Hoes Lane, P.O. Box 459

Piscataway, NJ 08855-0459 (USA)



# *IEEE Communications Society*

## *Technical Activities*

**Bill Tranter**, Vice President

### *Technical Committee Chairs*

Communications Quality and Reliability -  
*K. Asatani*

Communications Software - *A. Mishra*

Communications Switching & Routing -  
*R. Thompson*

Communications Systems Integration & Modeling  
*M. Devetsikiotis*

Communication Theory - *S. Benedetto*

Computer Communications - *C.K. Toh*

Enterprise Networking – *P. Ray*

Gigabit Networking - *J. Evans*

Information Infrastructure - *J.-T. Park*

Interconnections in High-Speed Digital System -  
*G. Papen*

Internet - *J. Touch, C. Kalmanek*

Multimedia Communications - *S. Moyer*

Network Operations and Management - *S. Aidarous*

Optical Networking - *H. Mouftah*

Personal Communications – *K. Letaief*

Radio Communications - *M. Chiani*

Satellite and Space Communications – *R. Smith*

Signal Processing and Communications Electronics  
*J. Elmirghani*

Signal Processing for Storage - *B.V.K. Vijaya Kumar*

Tactical Communications - *K. Young, Jr.*

Transmission Access & Optical Systems - *M. Hamdi*



# *IEEE Communications Society*

## *Membership Development*

### **Distinguished & Expert Lecturer Tours**

Designated speakers available to speak at Chapter and Section functions.

Contact: *Bhaskar Sengupta*  
email: *bsengupta@ieee.org*

### **Chapter Achievement Award**

Selected chapters will be recognized through certificates and \$500 awards. Interested Chapter Chairs must complete the annual Chapter Questionnaire.

**NEW**

### **Chapter Funding for Activities**

Funding to assist ComSoc Chapters in their activities.

Contact: *Bhaskar Sengupta*  
email: *bsengupta@ieee.org*

### **Grants to Attend Conferences**

A number of student and professional travel grants are available to attend conferences.

### **Free Publications to Chapters**

Each Chapter may receive complimentary subscriptions to ComSoc periodicals.



# *IEEE Communications Society Awards*

**IEEE Communications Society Edwin Howard Armstrong Achievement Award**

**IEEE Communications Society Donald W. McLellan Meritorious Service Award**

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

**IEEE Communications Society Publications Exemplary Service Award**

**IEEE Communications Society Meetings & Conferences Exemplary Service Award**

**IEEE Communications Society Distinguished Industry Leaders Award**

**The Communications Society Best Tutorial Paper Award**

**The Communications Society Leonard G. Abraham Prize Paper Award  
in the Field of Communications Systems**

**The Communications Society Stephen O. Rice Prize Paper Award  
in the Field of Communications Theory**

**The Communications Society William R. Bennett Prize Paper Award  
in the Field of Communications Circuits and Techniques**

**Fred W. Ellersick Prize**

**IEEE Communications Society/Information Theory Joint Paper Award**



# *IEEE Communications Society Sister Societies & Related Societies*

**Internet Society (ISOC)**  
International



**France (SEE)**  
Société des électriciens et des électroniciens

**Germany (VDE/ITG)**

**Croatia (CCIS)**

Communications and Information Society

**Slovenia (EZS)**

The Electrotechnical Association of Slovenia

**Italy (AEI)**

Associazione Elettrotecnica ed  
Elettronica Italiana

**Israel (AEAI)**

Association of Engineers and  
Architects of Israel

**Brazil (SBT)**

Sociedade Brasileira de  
Telecomunicações

**Latvia (LITTA)**

Latvian Information Technology &  
Telecommunications Association

**Russia (POPOV)**

The Russian Popov Society for Radio Engineering,  
Electronics, and Communications

**China (CIC)**

China Institute of Communications

**China (CIE)**

The Chinese Institute of Electronics

**India (IETA)**

The Institute of Electronics and  
Telecommunications Engineers

**Korea (KICS)**

Korea Institute of  
Communication Sciences

**Japan (IEICE)**

The Institute of Electronics  
Information and Communication  
Engineers

**Taiwan (CIEE)**

Chinese Institute of Electrical  
Engineering

**Vietnam (REV)**

The Radio & Electronics  
Association of Vietnam

# *IEEE Communications Society Services*

**Publications  
&  
Digital Library**

**Meetings  
&  
Conferences**

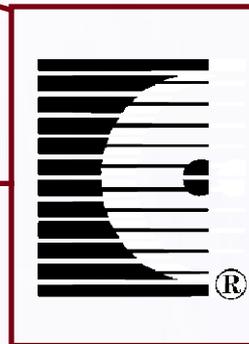
**Chapter  
Support**

**Online  
Services**

**Education  
&  
Tutorials**

**Technical  
Activities**

**Recognition  
&  
Awards**



# *IEEE Communications Society Distinguished & Expert Lecturers Program*

Provided as a service to local Chapters and their members, Distinguished & Expert Lecture Tours can be arranged in response to a request from one or more Chapter Chairs; but they may also be initiated by a Regional Director, the Director – Membership Programs Development, or the Vice President - Membership Development. Tours are organized to benefit existing members and Chapters but can also be effective in generating membership and encouraging new chapter formation.

**Up to five DLTs in each Region can be supported each year.**

- Funding is provided to enable a lecturer to address multiple groups on a lecture tour. Individual lectures are not funded.
- Tours involve a series of lectures, addressing at least three groups in three separate locations within reasonable geographical proximity to each other.
- “Grassroots” organizers may be Chapters or Sections, local conference organizers, or even a group of members in an area where no ComSoc chapter exists. Organizers work with their Regional Director, who facilitates arrangements and recommends the tour to the Director- Membership Programs Development.
- Final approval is the responsibility of the Director - Membership Programs Development. Lecturers are approved by him/her in conjunction with the appropriate Regional Director and, when needed, the Vice President - Technical Activities.
- All arrangements must be made in advance with local sponsoring groups. At least two months lead time is recommended to allow local groups time to advertise.
- Funding is provided, as required, to cover the 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.



# IEEE Communications Society

## Board of Governors

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Celia Desmond

President  
Elect

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III Director

Treasurer

Parliamentarian

Chief Information  
Officer

Members-  
At-Large

VP  
Membership  
Services

VP  
Technical  
Activities

VP  
Society  
Relations

VP  
Membership  
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Education

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Online  
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Journals

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Magazines

Director  
Meetings &  
Conferences

Director  
Related  
Societies

Director  
Sister  
Societies

Director  
Marketing

Director  
Membership  
Programs

Director  
AP Region

Director  
EAME Region

Director  
LA Region

Director  
NA Region



# *IEEE Communications Society*

## *How to Reach Us*

### Officers

**Celia Desmond**  
**President**

**V.P.**  
c.desmond@sympatico.ca

**Curtis Siller**  
**President-Elect**  
csiller@ieee.org

**Harvey Freeman**  
**Treasurer**  
hafreeman@aol.com

**Steve Weinstein**  
**Director, IEEE Division III**  
weinstein5@home.com

**Roberta Cohen**  
**Chief Information Officer**  
robbiecohen@home.com

**Bill Tranter**  
**Technical Activities**  
btranter@vt.edu

**Alex Gelman**  
**V.P. Society Relations**  
adg@research.panasonic.com

**Roberto Saracco**  
**V.P. Membership Services**  
roberto.saracco@TILAB.com

**Trevor Clarkson**  
**Membership Development**  
t.g.clarkson@ieee.org

**V.P.**



# *IEEE Communications Society*

## *How to Reach Us*

### Officers

**Kwang-Cheng Chen**  
**Director, AP Region**  
chenkc@inprocomm.com

**Adam Livne**  
**Director, EAME Region**  
livne@actcom.co.il

**Jorge Hedderwick**  
**Director, LA Region**  
j.hedderwick@ieee.org

**Pierre Perra**  
**Director, NA Region**  
pierre@computer.org

**Dale Harris**  
**Director, Education**  
harris@isl.stanford.edu

**Joe LoCicero**  
**Director, Journals**  
jll@ece.iit.edu

**Byeong Gi Lee**  
**Director, Magazines**  
blee@snu.ac.kr

**Chih Lin I**  
**Director,**  
**Meetings & Conferences**  
icl2@itri.org.tw

**Nelson Fonseca**  
**Director, Online Services**  
nfonseca@ic.unicamp.br

**Howard Blank**  
**Director, Marketing**  
howardblank@ieee.org

**Bhaskar Sengupta**  
**Director,**  
**Membership Programs**  
bsengupta@ieee.org

**Algirdas Pakstas**  
**Director, Sister Societies**  
a.pakstas@ieee.org

**Curtis Siller**  
**Director, Related Societies**  
csiller@ieee.org



# IEEE Communications Society Staff

Executive Director  
Jack Howell

Meetings & Conferences  
vacant

Senior Conference  
Planner  
Gayle Weisman

Senior Conference  
Planner  
Debora Kingston

Meetings  
Administrator  
Phyllis Curran

Information Systems  
David Alvarez , Mgr

Network  
Administrator  
Joaquin Tejada

Web Developer  
Natasha Simonovski

Web Site Specialist  
Tony Ruiz

Project Specialist  
Joel Basco

Print and Electronic  
Publishing  
Joseph Milizzo , Mgr

Digital Production  
Manager  
Sue Lange

Associate Editor  
Catherine Kemelmacher

Digital Production  
Assistant  
Jennifer Porcello

Production Editor  
vacant

Advertising Sales  
Eric Levine, Mgr

Marketing  
John Pape, Mgr

Desktop Project  
Specialist  
Ting Qian

Desktop Production  
Specialist  
Kerriane Sullivan

Admin. Assistant  
Karla Hodges

Finance and  
Administration  
Bruce Worthman,  
Supervisor

Executive and Volunteer Services  
Carole Swaim, Sr Admin

Associate  
Sharon McCants

Society  
Assistant  
Luis Riccardi



# *IEEE Communications Society*

## *How to Reach Us*

**Jack Howell**  
**Executive Director**  
j.howell@comsoc.org

**Carole Swaim**  
**Senior Administrator**  
c.swaim@comsoc.org

**John Pape**  
**Marketing Manager**  
j.pape@comsoc.org

**Bruce Worthman**  
**Supervisor, Finance & Administration**  
b.worthman@comsoc.org

**Staff**

**Eric L. Levine**  
**Advertising Manager**  
e.levine@comsoc.org

**Joseph Milizzo**  
**Publications Manager**  
j.milizzo@comsoc.org

**David Alvarez**  
**Info System/Network Manager**  
d.alvarez@comsoc.org

**Debora Kingston**  
**Senior Conference Planner**  
d.kingston@comsoc.org

### **IEEE Communications Society**

305 East 47th Street  
New York, NY 10017 USA

Tel.: +1 212 705 8900  
Fax: +1 212 705 8999  
e-mail: society@comsoc.org

