



IEEE ComSoc Region EAME

Regional Chapter Chairs Congress

Sergio Benedetto

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TA - VP

- 23 Technical Committees, grouped into 4 Clusters; the TC Chairs meet twice a year at the Technical Activities Council
- 5 Standing Committees:
 - Awards
 - Distinguished Lecturers Selection
 - Emerging Technologies
 - Fellow Evaluation
 - Technical Committees Recertification
- Standard Director, chairing the Standards Board



Technical Committees

- Technical Committees (TCs) are the backbone of ComSoc
- Established to promote and achieve the technical objectives of ComSoc
- Main activities:
 - Organize symposia, workshops, conference sessions
 - Sponsor publications on special topics
 - Define and promote new communication standards
 - Propose distinguished lecturer, senior member, fellow candidates
 - Propose papers and people for ComSoc and IEEE Awards
 - Suggest new technical areas with great potential
- All ComSoc members are invited and encouraged to participate actively in one or more TC



Technical Committees

TC Name	TC Chair	CLUSTER	CLUSTER CHAIR
Communication Theory	Costas Gheorghiadis	Communications/Signal Processing	Costas Gheorghiadis
Powerline Transmission	Stefano Galli	Communications/Signal Processing	
Radio Communications	Moe Win	Communications/Signal Processing	
Satellite & Space Communications	Abbas Jamalipour	Communications/Signal Processing	
Signal Processing & Communications Electronics	Bin Qiu	Communications/Signal Processing	
Transmission & Access and Optical Systems	Mohsen Guizani	Communications/Signal Processing	
Signal Processing for Storage	Alec Kavcic	Communications/Signal Processing	
Ad-hoc and Sensor Networks	Hussein Mouftah	Networking	Joe Evans
Communication Switching and Routing	Wojciech Kabacinski	Networking	
Computer Communications	Bulent Yener	Networking	
High-Speed Networking	Joe Evans	Networking	
Internet	Markus Hoffman, Dinesh Verma	Networking	
Optical Networking	Ioannis Tomkos	Networking	



Technical Committees

TC Name	TC Chair	CLUSTER	CLUSTER CHAIR
Communications Software	Algirdas Pakstas	Communication Software and Services	Algirdas Pakstas
Multimedia Communications	Heather Yu	Communication Software and Services	
Network Operations & Management	James Hong	Communication Software and Services	
Communications and Information Security	Stam Kartalopoulos	Communication Software and Services	
Information Infrastructure	Raouf Boutaba	Communication Software and Services	
Communications Quality & Reliability	Kenichi Mase	Vertical Issues in Communication Systems	Kenichi Mase
Communications Systems Integration & Modeling	Nelson Fonseca	Vertical Issues in Communication Systems	
Enterprise Networking	Gabe Jakobson	Vertical Issues in Communication Systems	
Tactical Communications	Kenneth C. Joung, Jr.	Vertical Issues in Communication Systems	
Personal Communications	Halim Yanikomeroglu	Vertical Issues in Communication Systems	



Technical Committees

- Problems
 - Industrial members involvement
 - Uneven attendance of TC Meetings
 - Lack of a systematic and organized activity of members promotion to DL, Senior and Fellow positions
 - Main (sometimes exclusive) focus on Conference and Symposia handling
- Chapters contribution
 - Act as a local liaison between ComSoc and Telecom industry
 - Stimulate international participation to TCs activities
 - Promote submission of quality papers to ComSoc journals
 - Organize DL tours, exploiting the available opportunities (\$\$\$)



Awards Committee

- Awards Committee
 - Chair: Roberto De Marca
 - Members

2004-2006	2005-2007	2006-2008
Ian Akyildiz	Rick Blum	Tom Rowbotham
Robert Baldwin	Hyung Jin Choi	Alberto Leon-Garcia
Rob Calderbank	Umberto Mengali	Jingshown Wu
Steve Gorshe	Ariel Orda	Bernhard Walke
Robert Tench	Hikmet Sari	Reinaldo Valenzuela



Awards Committee

- Problems
 - Sometimes insufficient number of strong candidates for the various awards
- Chapters contribution
 - Subsume as a routine the task of assessing, promoting and recommending deserving authors/candidate for ComSoc/IEEE Awards



Emerging Technology Committee

- Emerging Technologies Committee
 - Chair: Len Cimini
 - Members

2005-2006	2006-2007	2006-2008 (??)	2006-???
John Cioffi	Rich Cox	Roberto Saracco	Pamela Cosman (JSAC EIC)
Bob Lucky	Hikmet Sari	Heather Yu	Tom Chen (ComMag EIC)



Fellow Evaluation Committee

- Fellow Evaluation Committee
 - Chair: Jules Bellisio
 - Members

2004-2006	2005-2007	2006-2008
Richard Cox	Pierre Chevillat	Jonathan Turner
Rod Tucker	Hikmet Sari – Don Towsley	Russell Hsing



Fellow Evaluation Committee

- Problems
 - Increase the number of ComSoc strong candidates to the fellow positions
- Chapters contribution
 - Subsume as a routine the task of assessing, promoting and recommend deserving candidates for Senior Member and Fellow positions



TC Recertification Committee

- TC Recertification Committee
 - Chair: Sergio Benedetto
 - Members:

2004-2006	2005-2007	2006-2007
Stan Moyer	Heinrich Stuetgen	Peter McLane
Naohisa Ohta	Jorg Liebeherr	Khaled Ben Letaief



DL Selection Committee

- Distinguished Lecturers Selection Committee
 - Chair: Karl Rauscher
- Members:
 - Sergio Benedetto, as VP-TA
 - Len Cimini, as Chair-Emerging Technologies
 - Shri Goyal, as Director of Membership Program development



DL Selection Committee

- Problems
 - Only a few TCs suggest candidates for DL
 - Some technical areas are then empty
- Chapters contribution
 - Recommend, also through the participation in TCs, deserving candidates for DL, with particular emphasis on industrial candidates



Standards Board

- Standards Board
 - Chair: Alex Gelman
 - Members:
 - Curtis Siller
 - Steve Mills
 - Raouf Boutaba
 - Robert Fish
 - John Barr
 - Stanley Moyer
 - Jim Hoffmayer
 - Gerald Peterson



Standards Board

- Problems
 - ComSoc involvement in standards related to telecommunication at large is still weaker than deserved (see as an example the 802.xxx series)
- Chapters contribution
 - Encourage international participation, especially from industrial members, to the activities of the standard board
 - Promote ComSoc presence, through influential international members already active in standardization bodies



Recertification

- Goals of the Recertification Process:
 - Confirm *provably active* TCs having a critical mass of members and eliminate/merge the others
 - Analyze/compare TCs mission statements in order to emphasize the peculiarities and reduce the overlapping
 - Aim at a "uniform" presence of TCs inside COMSOC in terms of P&P, web sites and information therein
 - Focus their M&C activities toward COMSOC events in a coordinated way (clustering should help in this)
 - Improve their procedures to help deserving members in achieving promotion to senior/fellow membership and distinguished lecturers, publications and career awards, etc.



Final considerations

- ComSoc life and its high reputation as a Society that successfully works toward the advancement of the theory, practice and application of communications engineering is mostly due to the generous dedication of the volunteers and the high quality of their effort, in a joint and harmonious work with ComSoc staff
- Chapters are crucial in:
 - Inculcating in their members the spirit of ComSoc
 - Keeping them bound to ComSoc through the organization of periodic local activities
 - Advertising all kinds of ComSoc activities
 - Promoting a wide international volunteer participation in ComSoc activities



Thank you !

