IEEE COMMUNICATIONS SOCIETY
Radio Communications Committee (RCC)

IEEE ICC 2013
Budapest, Hungary
June 12, 2013 - 12:30 – 14:00

Chair: Andrea Conti
Vice Chair: Jiangzhou Wang
Secretary: Andrea Giorgetti

http://rcc.bo.cnit.it
Radio Communications Committee (RCC) Meeting

June 12, 2013 – Budapest, Hungary

Agenda

1. Welcome/Introductions
2. Approval of Agenda
3. Approval of GC’12 RCC Meeting Minutes (available on the website)
4. Conferment of 2013 IEEE ComSoc RCC Outstanding Service Award
5. Report on Standards activities
6. Report on Conference/Workshop Activities
7. New Business items
8. Next RCC meeting
9. Adjourn
RCC Mission

RCC 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.

The committee also assumes the proactive duty to nominate suitable candidates for ComSoc and IEEE awards, propose **distinguished lecturer** candidates, endorse deserving candidates for the election to IEEE Senior Member and Fellow grade, make contributions to standards in an organized form.
2013 IEEE ComSoc RCC Outstanding Service Award

The Radio Communications Committee (RCC) Outstanding Service Award is established to recognize members of the RCC who have a distinguished record of service to the RCC community, including organization of RCC endorsed symposia and workshops, providing exceptional leadership within the RCC, and promotion of RCC activities and interests in the broader research community.
Conferment of

2013 IEEE ComSoc RCC Outstanding Service Award

Dr. Davide Dardari
IEEE Communications Society
Radio Communications Committee

2013 Outstanding Service Award
Is Presented To

Davide Dardari

For outstanding Service to the radio communications Committee

V.K. Bhargava
President
IEEE Communications Society

Andrea Conti
Chair
ComSoc Radio Communications Committee
Supported conferences

The following conferences received Technical Sponsorship from IEEE Communications Society based on RCC recommendation
Conference Reports

Standardization Activity
George Chrisikos

Conference Report

- ICC 2013: Neelesh B. Metha (WCS), Velio Tralli (CT), Andrea Giorgetti (CRN)
- GLOBECOM 2013: Claude Oestges (WCS), Nallanthan Arumugam (CT), Andrea Giorgetti (CRN)
- RWS 2013: Davide Dardari, Dimitris Toupakaris, and Yiqing Zhou
- WiSEE 2013: Davide Dardari, Andrea Conti, Oliver Holland
- ICCIT 2013: Youssef Nasser, Arunabh Chattopadhyay, Bin Xia
- ICT 2013: Youssef Nasser, Arunabh Chattopadhyay, Bin Xia
- COMCAS 2013: Doug Zuckerman, Koichi Adachi, Yanxiang Jiang
- ISPCC 2013: Lin Dai, Gianni Pasolini, Flavio Zabini
- NCC 2013: Ranjan Mallik, Neelesh Mehta, Arumugam Nallanathan
- ITSC 2013: Jun-bo Wang, Dongmin Wang, Wei Peng
- WCSP 2013: Alberto Rabbachin, Gianni Pasolini, Wei Peng
ComSoc Standards Board Technical Committee Liaisons Report

RCC representative: George Chrisikos (gchrisikos@ieee.org)

• ComSoc SB Objective:
  • Discussion of IEEE/ComSoc Standards Development Projects
  • New Standardization Initiatives
  • Procedures
  • Operational Issues
Approved standards:


Active projects:

- P269: Standard for Measuring Electroacoustic Performance of Communication Devices
- P1858: Standard for Camera Phone Image Quality (CPIQ) - co-sponsored with IEEE-SA Board of Governors (BOG) Corporate Advisory Group (CAG)
- P1903.1: Standard for Content Delivery Protocols of NGSON
- P1903.2: Standard for Service Composition Protocols of NGSON
- P1903.3: Standard for Self-Organizing Management Protocols of NGSON
- P1904.1: IEEE Draft Standard for Service Interoperability in Ethernet Passive Optical Networks (SIEPON)
- P1904.1-Conformance01: Standard for Conformance Test Procedures for SIEPON, IEEE Std 1904.1 Package A
- P1904.1-Conformance02: Standard for Conformance Test Procedures for SIEPON, IEEE Std 1904.1 Package B
- P1904.1-Conformance03: Standard for Conformance Test Procedures for SIEPON, IEEE Std 1904.1 Package C
- P1906.1: Recommended Practice for Nanoscale and Molecular Communication Framework
- P1907.1: Standard for Network-Adaptive Quality of Experience (QoE) Management Scheme for Real-Time Mobile Video Communications
- P1908.1: Virtual Keyboard Standard for Indic Languages
- P1910.1: Standard for Meshed Tree Bridging with Loop Free Forwarding
Dynamic Spectrum Access Networks Standards Committee (DySPAN-SC)

**Approved standards:**
- IEEE 1900.2-2008: IEEE Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems

**Active projects:**
- P1900.5.1: Standard Policy Language for Dynamic Spectrum Access Systems
- P1900.5.2: Method for Modeling Spectrum Consumption
- P1900.6a: Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems Amendment: Procedures, Protocols and Data Archive Enhanced Interfaces
- P1900.7: Radio Interface for White Space Dynamic Spectrum Access Radio Systems Supporting Fixed and Mobile Operation
Power Line Communication Standards Committee (PLC-SC)

Approved standards:

Active projects:
- P1901.2: Standard for Low Frequency (less than 500 kHz) Narrow Band Power Line Communications for Smart Grid Applications
- P1909.1: Recommended Practice for Smart Grid Communication Equipment - Test methods and installation requirements
- P2030.5: Standard for Smart Energy Profile 2.0 Application Protocol
When: *June 9-13, 2013*  
Where: *Budapest, Hungary*

Symposium/Track: *Wireless communications symposium*

Co-chairs: Fredrik Tufvesson, Hanna Bogucka, Zhaocheng Wang, Neelesh B. Mehta

RCC representative: *Neelesh B. Mehta* ([neeleshbmehta@gmail.com](mailto:neeleshbmehta@gmail.com))

Total Submissions: 459

Acceptance Rate (final/expected): 180 (39.2%)

#TPC members: 258

Avg number of reviews/paper = 3.87  
Rebuttal process: N

Keynote speech: *Gerhard P. Fettweis, Erik Dahlman, Walter Goldenist, Thomas Wiegand, Peter Winzer*
**ICC 2013**

When: June 9-13, 2013  
Where: Budapest, Hungary

Symposium/Track: *Communication Theory Symposium*  
Co-chairs: David Gesbert, Angel Lozano, Velio Tralli, Sennur Ulukus  
RCC representative: Velio Tralli (velio.tralli@unife.it)

Total Submissions: 193  
Acceptance Rate (final/expected): 39%

#TPC members: 101  
Avg number of reviews/paper = 4  
Rebuttal process: N

Keynote speech: Gerhard P. Fettweis, Erik Dahlman, Walter Goldenist, Thomas Wiegand, Peter Winzer
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**ICC 2013**

When: *June 9-13, 2013*  
Where: *Budapest, Hungary*

Symposium/Track: **Cognitive Radio and Networks Symposium**

Co-chairs: Honggang Zhang, David Grace, Andrea Giorgetti

RCC representative: *Andrea Giorgetti (andrea.giorgetti@unibo.it)*

Total Submissions: 153

Acceptance Rate (final/expected): 60 (39.2%)

#TPC members: 128

Avg number of reviews/paper = 3.48

Rebuttal process: N

Keynote speech: *Gerhard P. Fettweis, Erik Dahlman, Walter Goldenist, Thomas Wiegand, Peter Winzer*
Globecom 2013


Symposium/Track: Wireless Communications Symposium
Co-chairs: David Love, Hai Lin, Claude Oestges and Liuqing Yang
RCC representative: Claude Oestges (claude.oestges@uclouvain.be)

Total Submissions: 374
Acceptance Rate (expected): not specified

#TPC members: 384
Avg number of reviews/paper = 3

Keynote speech: -
Globecom 2013


Symposium/Track: Communication Theory Symposium
Co-chairs: Nallanathan Arumugam, Sang Wu Kim, Lian Zhao
RCC representative: Nallanathan Arumugam (nallanathan@ieee.org)

Total Submissions: 136

Review process:

127 TPC members, each paper allocated to 4 reviewers
51 papers with 3 reviews, 84 papers with 4 reviews, 1 with 5 reviews

Score statistics:

59 @ 3.4 or higher, 51 @ 3.5 or higher, 41 @ 3.6 or higher

Acceptances: Allocated 50, for a 36.7% acceptance rate.

Nominally 10 sessions of 5 papers, with possibility that some get presented as posters.
Globecom 2013


Symposium/Track: Cognitive Radio and Networks Symposium
Co-chairs: Andrea Giorgetti, Dusit (Tao) Niyato, Richard Yu
RCC representative: Andrea Giorgetti (andrea.giorgetti@unibo.it)

Total Submissions: 186
Acceptance Rate (final/expected): will be decided in the ICC’13 meeting

#TPC members: 420
Avg number of reviews/paper = 3-4

Keynote speech: NA
Radio Wireless Week (RWS)

When: 20.01.2013 – 23.01.2013        Where: Austin, TX

Symposium/Track: All (RWS, PAWR, BioWireleSS, SiRF, WiSNet)
Co-chairs: Jan-Erik Mueller (General Chair), Takao Inoue (General Co-chair), Karl Varian (Technical Program Chair), Debabani Choudhury and Huaping Liu (Technical Program Co-chairs)
RCC representatives: Davide Dardari (ddardari@ieee.org), Dimitris Toumpakaris (dtouba@upatras.gr) and Yiqing Zhou (zhouyiqing@ict.ac.cn)

Total Submissions: 324 (including late news papers)
Acceptance Rate (final): 69%

#TPC members: 205
Avg number of reviews/paper = 6.4
Rebuttal process Y

Keynote speech: Dr. James Truchard (plenary), Dr. J.C. Chiao, Dr. Joshua Le-Wei Li, and Dr. John Wood (Distinguished Lecturers' talks)
IEEE Int’l Conf on Wireless for Space and Extreme Environments

When: 07.11.2013 – 09.11.2013  Where: Baltimore, MD

Symposium/Track: Research Paper and Poster Tracks plus workshops

Co-chairs: Ali Abedi (UMaine) and Richard Barton (NASA)

RCC representative: Davide Dardari (ddardari@gmail.com)

Total Submissions: Not known until deadline (July 1st, 2013)

Acceptance Rate (final/expected): Expected 30%

#TPC members: 45

Avg number of reviews/paper = 3

Rebuttal process: N

Keynote speech: Scott Burleigh (NASA JPL), Anthony Ephremides (University of Maryland), Mark Kaufman (Aerojet Corp.), Hayden Thompson (Rolls-Royce), Jeff Voas (NIST).
**Int. Conf. on Commun. and Information Technology (ICCIT)**

When: June 19, 2013 to June 21, 2013

Where: Beirut, Lebanon

Symposium/Track: *International Conference on Conference on Communications and Information Technology*

Co-chairs: Youssef Nasser, Abdalla Shami and Ronald Raulefs

RCC representative: Youssef Nasser (youssef.nasser@aub.edu.lb)

Total Submissions: 165

Acceptance Rate (final/expected): 49.5%

#TPC members: 116

Avg number of reviews/paper = 3

Rebuttal process N

Keynote speech: Iyan Akyildiz; Merouane Debbah, Brian Evans
20th International Conference on Telecommunications (ICT)

When: 06.05.2013 – 08.05.2013  Where: Casablanca, Morocco

Symposium/Track: International Conference on Telecommunications

Co-chairs: Yves Lostanlen, Youssef Nasser

RCC representative: Youssef Nasser (youssef.nasser@aub.edu.lb)

Total Submissions: 235

Acceptance Rate (final/expected): 48.5%

#TPC members: 63

Avg number of reviews/paper = 3

Rebuttal process N

Keynote speech: Hamid Aghvami, Latif Ladid, Lajos Hanzo, Raouf Boutaba, Miguel Angel Lagunas, Petros Elia, Francis Castanie
IEEE Conf. on Microwaves, Communications, Antennas and Electronic Systems (COMCAS) 2013

When: October 21-23, 2013
Where: Tel Aviv, Israel

Co-chairs: Stephen B. Weinstein, Richard V. Snyder, Peter de Maagt, Lance M. Kaplan
RCC representative: Doug Zuckerman (w2xd@aol.com), Koichi Adachi (kadachi@i2r.a-star.edu.sg), Yanxiang Jiang (yxiiang@seu.edu.cn)

Total Submissions: 153 (excluding papers that were withdrawn)
Acceptance Rate (final/expected): TBD

#TPC members: 155
Avg number of reviews/paper = TBD

Rebuttal process N

Keynote speech: Adam Drobot (TBC) and Richard Gitlin (TBC)
IEEE Int. Conf. on Signal Processing, Computing and Control (ISPCC)

Where: Solan (near Shimla), India

Symposium/Track: Networks and Communication, Signal Processing, Artificial Intelligence and Neural Networks, VLSI and Embedded Computing, Control and Automation

General Chair: Prof. Sunil Bhooshan

TPC Co-chairs: Dr. Mohammed Usman, Prof. Bernard Sklar.

RCC representatives: Dr. Lin Dai, Dr. Gianni Pasolini, Dr. Flavio Zabini

Total Submissions: 798

Acceptance Rate (final/expected): 15 - 17%

#TPC members: 200

Avg number of reviews/paper = 3  
Rebuttal process Y/N: N

Keynote speech: Prof. John Soraghan (Univ of Strathclyde, UK), Prof. Surendra Prasad (IIT-Delhi), Dr. Andrea Conti (Univ. of Ferrara, Italy), Dr. Rajendar Bahl (IIT-Delhi), Mr. Sanjay Burman (CAIR, DRDO, India)
National Conference on Communications (NCC) 2013

When: 15-2-2013 to 17-2-2013
Where: Delhi, India

Symposium/Track: Communications, Signal Processing, and Networking
Co-chairs: Shankar Prakriya (IIT Delhi) and Ranjan Bose (IIT Delhi)
RCC representative: Neelesh B. Mehta (neeleshbmehta@gmail.com)

Total Submissions: 340 (excluding papers that were withdrawn)
Acceptance Rate (final/expected): 35% (final)

#TPC members: 50
Avg number of reviews/paper = 2.57
Rebuttal process N

Keynote speech: Cam Nguyen, Texas A&M Univ., USA and Tracy Camp, Colorado School of Mines, USA
IEEE Conf. on Intelligent Transportation Systems - (ITSC 2013)

When: 06.10.2013 – 09.10.2013  Where: Hague, Netherlands

RCC representative: Wei Peng (pengwei@ieee.org)

Total Submissions: 633

Acceptance Rate (final/expected): expected about 65%

#TPC members: 138

Avg number of reviews/paper = 2.85

Rebuttal process: N

Keynote speech: currently one confirmed speaker, Bob Denaro
New Business Items

TC recertification
Every three years
All necessary documents will be submitted by June 15 to the Technical Activity Council

ComSoc student competition program
ComSoc has launched a Student Competition Program, for graduate and undergraduate students. Please review details presented at: [http://www.comsoc.org/communications-technology-changing-world](http://www.comsoc.org/communications-technology-changing-world)
The theme of the first competition is "Communications Technology Changing the World".

Seeking members for this committee (one representative nominated by each TC)
New Business Items

Best readings

www.comsoc.org/best-readings

List of papers (w/commentary and hyperlinks) online. One new every quarter:

- power line communications
- cognitive radio
- broadband access
- green communications
- multi-tier cellular networks

ComSoc training

training courses from TC members (topics, developers, instructors, participants)

Current emphasis Wireless & LTE. They are looking for new items (check with Dave Michelson)
New Business Items

Best readings
www.comsoc.org/best-readings
List of papers (w/commentary and hyperlinks) online. One new every quarter:
power line communications; cognitive radio; broadband access; green communications
multi-tier cellular networks

P&P update and New Policies for voting members
Best practices with some uniformity among TCs
New Business Items

Soliciting nominations for Technical Recognition Award 2013

Soliciting nominees for Technical Program Committee activities

Join the RCC discussion group is http://community.comsoc.org/groups/radio-communications-technical-committee-rcc

Other issues?
Next RCC Meeting

The next RCC meeting will be scheduled in GC2013, Atlanta, USA

THANK YOU AND SEE YOU THEN!
Officer Contacts

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RCC Website:  
http://rcc.bo.cnit.it  
http://www.comsoc.org/socstr/org/operation/techcom/radio.html