

IEEE COMMUNICATIONS SOCIETY
Radio Communications Committee (RCC)

IEEE ICC 2012– Ottawa, Canada
12:30 – 14:00pm, June 14, 2012 (Thursday)

Chair: Davide Dardari
Vice Chair: Andrea Conti
Secretary: Jiangzhou Wang

Agenda

1. **Welcome/Introductions**
2. **Approval of GC'11 RCC Meeting Minutes (available on the website)**
3. **RCC Mission**
4. **Conferment of 2012 IEEE ComSoc RCC Outstanding Service Award**
5. **Report on Conference/Workshops activities**
6. **Standards activities**
7. **RCC Elections: Nominations Committee GC12**
8. **New Business items**
9. **Next RCC meeting**
10. **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.

2012 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
2012 IEEE ComSoc RCC Outstanding Service Award
Dr. George Chrisikos

Supported conferences

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

Conference Reports

Technical symposia/workshops/conferences sponsored by RCC

- ICC 2012, WCS, Simon Pun
- ISWCS 2012, Didier Le Ruyet, and Xiangyang Wang
- ICT 2012, Zhen Kong, Wei Peng, and Shaodan Ma
- Sarnoff 2012, Hyundong Shin, Yuanliang Huang, Elias Kpodzo
- ISWPC 2012, Alberto Rabbachin and Alessandro Bogliolo
- ICUWB 2012, Davide Dardari
- Globecom 2012, WCS: Lorenzo Mucchi , CT: Shin Hyundong , CR: Peter Jung
- ICCS 2012, Tony Quek, Sumei Sun, Ying-Chang Liang
- APCC 2012, Wei Peng, Bin Xia, Koichi Adachi,
- ICL-GNSS 2012, Henk Wymeersch,
- ASMS-SPCS 2012, S. Scalise, A. Vanelli-Coralli , G. E. Corazza
- WPMC 2012, Xiangyang Wang, Yuanliang Huang, Jm Seigneur,
- LATINCOM 2012, Andrea Giorgetti, Qin Xin, Pascal Lorenz

ICC 2012 Symposium on Wireless Communications (WCS)

When: 10.06.2012 – 15.06.2012

Where: Ottawa, Canada

Symposium/Track: *Wireless Communication Symposium*

Co-chairs: *Ying Chang Liang, Paul Fortier, Simon Pun, Jingxian Wu, Sonia Aissa, Jerry Gibson*

RCC representative: *Simon Pun (mopun@ieee.org)*

Total Submissions: 508

Acceptance Rate (final/expected): 37%

#TPC members: 285

Avg number of reviews/paper = 3

Rebuttal process: *N*

Keynote speech: *Eros Spadotto, Ian F. Akyildiz, Matt Bross, Marcus Weldon*

IEEE Sarnoff Symposium

When: 05.21.2012 – 05.22.2012
Center, Newark, New Jersey, U.S.A.

Where: *New Jersey Institute of Technology, Campus*

Symposium/Track: *The 35th IEEE Sarnoff Symposium 2012*

Co-chairs: *Roberto Rojas-Cessa & Elias Kpodzo*

RCC representative: *Elias Kpodzo (ekpodzo@verizon.net)*

Total Submissions: 137

Acceptance Rate (final/expected): 46.7%

#TPC members: 63

Avg number of reviews/paper = 3

Rebuttal process *N*

Keynote speech: *Dr. Parag Pruthi, Dr. Robert G. Holland, Dr. Kang-Won Lee, Dr. Seraphin Calo*

19th International Conference on Telecommunications (ICT 2012)

When: 23.04.2012 – 25.04.2012

Where: Jounieh, Lebanon

Symposium/Track:

Co-chairs: Yves Lostanlen

RCC representative: Zhen Kong (zkong@wayne.edu)

Total Submissions: 200

Acceptance Rate (final/expected): 57%

#TPC members: 44

Avg number of reviews/paper = 3.3

Rebuttal process *N*

Keynote speech: *speakers*

Prof. Joseph Jean Boutros, Texas A&M University, Qatar

Prof. Benoit Geller, ENSTA ParisTech, France

Prof. Yves Lostanlen, Vice President Wireless & CTO at Siradel France & Canada

Eng. Firas Abi-Nassif, Managing Director, Fortitude Partners, New York, USA.

International Conference on Localization and GNSS 2012

When: 25.06.2012 – 27.06.2012

Where: Starnberg, Germany

Symposium/Track: N/A

General Chair: Stephan Sand, German Aerospace Center (DLR), Germany

Co-chairs:

- Elena Simona Lohan, Tampere University of Technology (TUT), Finland
- John F. Raquet, Air Force Institute of Technology (AFIT), USA
- Armin Dammann, German Aerospace Center (DLR), Germany

RCC representative: Henk Wymeersch (henkw@chalmers.se)

Total Submissions: 41

Acceptance Rate (final/expected): 73%

#TPC members: 27

Avg number of reviews/paper = 3.4

Rebuttal process N

Keynote speech: 5 invited speakers

ISWPC 2012

When: 3.7.2012 – 5.7.2012

Where: *Dalian, China*

Symposium/Track: : 7th INTERNATIONAL SYMPOSIUM ON WIRELESS
PERVASIVE COMPUTING

Co-chairs: Naveen Chilamkurti La Trobe University, Australia

RCC representative: Alberto Rabbachin (rabalb@mit.edu)

Total Submissions: 43

Acceptance Rate (final/expected): 27%

#TPC members: xxx

Avg number of reviews/paper =3

Rebuttal process Y/N

Note: Conference reduced to 2 days due to the low number of papers

***6th Advanced Satellite Multimedia Systems Conference and the
12th Signal Processing for Space Communications Workshop***

When: *05/09/2012 – 07/09/2012*

Where: *Baiona, Spain*

Co-chairs: G. E. Corazza (Univ. Bologna), S. Scalise (DLR – German Aerospace Center), A. Vanelli-Coralli (Univ. Bologna), R. De Gaudenzi (ESA-ESTEC), A. Ginesi (ESA-ESTEC)

RCC representative: *Alessandro Vanelli-Coralli and Sandro Scalise*

Total Submissions: *94 out of which 17 invited papers*

Acceptance Rate (expected): *50% on regular submissions*

#TPC members: *60*

Avg number of reviews/paper = *4*

Rebuttal process *N*

Keynote speech:

Joe Mitola, Broadband Cognitive SATCOM

Andre Bigras, Victor Gooding, Telesat, Advanced V-band Payload for Broadband Access

IEEE Latin-American Conference on Communications (LATINCOM 2012)

When: 07.11.2012 – 09.11.2012

Where: Cuenca Ecuador

General Chair: *Hector Fiallos (E.Sup.Politecnica del Litoral, Ecuador)*

Technical Program Co-Chairs:

- *Fabrizio Granelli (University of Trento, Italy)*

- *Lisandro Granville (F. Univ. Rio Grande Sul, Brazil)*

RCC representative: *Andrea Giorgetti (University of Bologna, Italy)*

Submission of full papers: *15 July 2012*

Submission of tutorial proposals: *15 July 2012*

Notification of acceptance: *15 September 2012*

Submission of camera-ready papers: *1 October 2012*

#TPC members: 77

IEEE GLOBECOM 2012

When: 03.12.2012 – 07.12.2012

Where: Anaheim, CA, USA

Symposium/Track: Communication Theory Symposium

Co-chairs: Erik Perrins, Cheng Li, Hyundong Shin

RCC representative: Hyundong Shin (hshin@khu.ac.kr)

Total Submissions: 154

Acceptance Rate (final/expected): Still under review (traditionally 35%~40%)

#TPC members: 98

Avg number of reviews/paper = Still under review

Rebuttal process: N

Keynote speech: Not disclosed yet

ICUWB2012

When: 17.09.2012 – 20.09.2012

Where: Syracuse, NY

Symposium/Track: *International Conference on Ultra-Wideband (ICUWB2012)*

Co-chairs: *E. Arvas, P. Varshney*

RCC representative: *Davide Dardari (ddardari@ieee.org)*

Total Submissions: 142

Acceptance Rate (final/expected): 87% (*final*)

#TPC members: 70

Avg number of reviews/paper = 3

Rebuttal process *N*

Keynote speech: Andreas F. Molisch, U. S. California (Ultrawideband Systems for Healthcare) and Rich Goldman, VP Synopsys (Tech and Space: A Symbiotic Relationship)

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

ComSoc Standards Board Technical Committee Liaisons Report

- New Project Authorization Requests (PARs) approved
 - **P1903.1** Standard for Content Delivery Protocols of Next Generation Service Overlay Network (NGSON)
 - **P1903.2** Standard for Service Composition Protocols of NGSON
 - **P1903.3** Standard for Self-Organizing Management Protocols of NGSON
 - **P1908.1** Virtual Keyboard Standard for Indic Languages
 - **P1909.1** Recommended Practice for Smart Grid Communication Equipment – Test methods and installation requirements
- Work Items
 - P1908.1 WG P&P
 - Study Group on “Emergency Warning System”
 - DySPAN SC Oversight Committee P1900.1
 - Approve P1904.1 WG requested items (Standard for Service Interoperability in Ethernet Passive Optical Networks)
 - Support newly established WGs: P1906.1, P1907.1, and P1908.1
- Press releases
 - IEEE P1901.2™ Standard for Low-Frequency, Narrowband Power Line Communications Enters Letter Balloting
 - New IEEE P1908.1™ Working Group to Develop Virtual Keyboard Standard for Indic Languages
 - IEEE Conformity Assessment Program (ICAP) to Establish Testing and Certification Program for EPON Equipment

ComSoc Standards Board Technical Committee Liaisons Report

- Standards Development Board Active Standards
 - **269:** IEEE Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets
 - **661:** IEEE Standard Method for Determining Objective Loudness Ratings of Telephone Connections
 - **1329:** IEEE Standard Method for Measuring Transmission Performance of Speakerphones
 - **1652:** IEEE Standard for the Application of Free Field Acoustic Reference to Telephony Measurements
 - **1900.1:** IEEE Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Wireless Networks, System Functionality, and Spectrum Management
 - **1900.2:** IEEE Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems
 - **1900.4:** IEEE Standard for Architectural Building Blocks Enabling Network-Device Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Access Networks
 - **1900.5:** IEEE Standard for Policy Language Requirements and System Architectures for Dynamic Spectrum Access Systems
 - **1900.6:** IEEE Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems.
 - **1902.1:** IEEE Standard for Long Wavelength Wireless Network Protocol
 - **1903:** IEEE Standard for the Functional Architecture of Next Generation Service Overlay Networks
 - **1900.4a:** IEEE Standard for Architectural Building Blocks Enabling Network-Device Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Access Networks Amendment 1: Architecture and Interfaces for Dynamic Spectrum Access Networks in White Space Frequency Bands

Election for New RCC Officers

The elections for next term RCC Officers will take place in Globecom 2012

An ad hoc Nominations & Elections (N&E) Committee composed of past chairs, current chair and other TC members assigned by the current Chair is established starting from ICC 2012

The purpose of the N&E Committee is to offer candidate names for officer positions

The candidates must be ComSoc active members at the time when nominations are made.

Members can submit nominations via email by communicating to the current Chair, Vice-chair, Secretary, or directly to the TC N&E Committee. Such "write-in" candidates should receive at least three supporting "signatures"

New Business Items

The RCC discussion group has been just created in

<http://community.comsoc.org/groups/radio-communications-technical-committee-rcc>

Please joint it.

New Business Items

Soliciting nominations for Technical Recognition Award 2012 (by Aug 2012)

Soliciting nominees for Technical Program Committee activities

Soliciting nominees for Distinguished Lecturers (by Aug 2012)

Soliciting nominees for IEEE Fellows/Senior (by Aug 2012)

Other issues?

Next RCC Meeting

**The next RCC meeting will be scheduled in
GC2012, Anaheim, USA**

**THANK YOU AND
SEE YOU THEN!**

Officers Contacts

Chair: Davide Dardari
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Vice-Chair: Andrea Conti
University of Ferrara, Italy
<http://www.andreaconti.info>
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Secretary: Jiangzhou Wang
University of Kent, United Kingdom
http://www.eda.kent.ac.uk/school/staff_detail.aspx?id=202
E-mail: j.z.wang@kent.ac.uk

RCC Website:

<http://rcc.bo.cnit.it>

<http://community.comsoc.org/groups/>

<http://www.comsoc.org/socstr/org/operation/techcom/radio.html>