IEEE COMMUNICATIONS SOCIETY

Radio Communications Committee (RCC)

IEEE ICC 2011 – Kyoto, Japan

12:30 – 13:30pm, June 8 (Wednesday)

Chair: Davide Dardari

Vice Chair: Andrea Conti

Secretary: Jiangzhou Wang

Agenda

1. Welcome/Introductions
2. Approval of Agenda
3. Approval of GC'10 RCC Meeting Minutes (circulated via RCC email list and available on the website)
4. Congratulations
5. Conferment of 2010 IEEE ComSoc RCC Outstanding Service Award
6. Report on Conference/Workshops activities
7. Report on special issues on IEEE journals/Magazines
8. Standards activities
9. Education: tutorials/short courses
10. New Business items
11. Next RCC meeting
12. Adjourn

Three past Chairs of the RCC received prestigious awards.

Professor Marco Chiani received best paper award from IEEE COMSOC and elected as IEEE Fellow
Professor Moe Win received a best paper award from COMSOC
Professor Andy Molisch received best paper award from IEEE

Congratulations to
Professor Chiani, Professor Win and Professor Molisch

Conferment of

2010 IEEE ComSoc RCC Outstanding Service Award

Professor Andy Molisch

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 2011 Wireless Communications Symposium -- Fulvio Babich
- ICC 2011 Cognitive Radio and Networks Symposium -- Ozgur Oyman
- NCC 2011 -- Neelesh Mehta
- Sarnof 2011 -- Andy Molisch
- WPMC2011 -- Xavier Lagrange, Ramesh Pyndiah, Silvano Pupolin
- ITU WT11 2011-- Davide Dardari
- ICUWB 2011 -- Davide Dardari
- LATINCOM 2011 -- A. Giorgetti
- MC-SS 2011 -- Lajos Hanzo
- RWS 2011 -- Hsiao-Hwa Chen
- ISWCS 2011 -- Rodrigo de Lamare
- Globecom 2011 -- Matti Latva-Aho and Tony Quek

ICC 2011

When: *5.6.2011 – 9.6.2011*   Where: *Kyoto (Japan)*

Symposium/Track: *Wireless Communication Symposium*

Co-chairs: *Masahiro Umehira, Sonia Aissa, Fulvio Babich, Hai Lin, Ashutosh Sabharwal, Xianbin Wang*

RCC representative: *Fulvio Babich (babich@units.it)*

Total Submissions: *661*

Acceptance Rate (final):38.6 %

#TPC members: *327*

Avg number of reviews/paper = *3.52*   Rebuttal process *N*

Keynote speech: *Mr. Ryuji Yamada* (NTT DOCOMO, INC., Japan)

                    Dr. Maurizio Decina (Politecnico di Milano, Milan, Italy)

2011 National Conference on Communications

When: *28.01.2011 – 30.01.2011*   Where: *Bangalore, India*

Symposium/Track:

Co-chairs: *A. Chockalingam and K.R. Ramakrishnan, Indian Institute of Science, Bangalore*

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

Total Submissions: *301*

Acceptance Rate (final): *31.2% (expected 33.2%)*

#TPC members: *106*

Avg number of reviews/paper = *2*   Rebuttal process: *N/A*

Keynote speech: *V.K.Saraswat (Scientific Advisor to Defence Minister, Government of India), Subhasis Chaudhuri (IIT Bombay), K. Giridhar (IIT Madras)*

34th Sarnoff Symposium

When: *03.05.2011 – 04.05.2011*   Where: *Nassau Inn, Princeton, NJ*

Symposium/Track:

Co-chairs: *Edwin Hou, Pantelis Monogioudis*

RCC representative: Andy Molisch

Total Submissions: *108*

Acceptance Rate (final): *50%*

#TPC members: *61*

Avg number of reviews/paper = *3*   Rebuttal process Y

Keynote speech:

Emerging Architectures in Radio Access Networks – the LightRadio Concept, Tod Sizer (Wireless Research Domain Leader, Bell Labs); A Different Paradigm for High Tech Startups, Allen Katz;

Emerging Research Trends in Image Processing and Data Mining, Dimitris Metaxas (Distinguished Professor, Rutgers University)

14th International Symposium on Wireless Personal Multimedia Communications, WPMC 2011

When: *03.10.2011 – 06.10.2011*   Where: *Brest, France*

Symposium/Track: Transmission Technologies / Wireless Networks / Applications and Services / System and Regulation

Chair: Paul Friedel

TPC Co-chair : Europe : Xavier Lagrange (Telecom Bretagne, France) , Asia Pacific: Ryuji Kohno, (Yokohama National University, Japan), Americas: Catherine Rosenberg, (Univ.of Waterloo, Canada)

RCC representative: *Xavier Lagrange (xavier.lagrange@telecom-bretagne.eu), Ramesh Pyndiah (ramesh.pyndiah@telecom-bretagne.eu), Silvano Pupolin (pupolin@dei.unipd.it)*

Total Submissions: *190*

Acceptance Rate (expected): *60%*

#TPC members: *140*

Avg number of reviews/paper = *3*   Rebuttal process *N*

Keynote speech: *on progress*

IEEE International Conference on UWB (ICUWB 2011)

When: 14.*09.2011 – 16.09.2011*   Where: *Bologna, Italy*

General chairs: Marco Chiani and Davide Dardari

Technical chair: Andrea Conti -- *Technical vice-chairs*: T. S. Quek, A. Nallanathan

RCC representatives: Davide Dardari and Marco Chiani

Paper submission deadline: 30 April 2011 – Notification of acceptance: 10 June 2011

Total Submissions: *201*

Acceptance Rate (estimate): 60%

#TPC members: *57*

Avg number of reviews/paper = 3   Rebuttal process *N*

Keynote speeches: *TBD*

Technical Symposium at ITU Telecom World 2011 (ITU WT11)

When: *24.10.2011 – 27.10.2011*   Where: *Geneva, Switzerland*

Technical Symposium: *2 Tracks held in parallel on the third and fourth (last) day of the event. Sessions on: Security a Key Issue for Success of Future Networks; Sustainable Growth Potential of Green Telecommunications; Broadband Options; Improving Healthcare by Introducing eHealth Services; Future Networks; Efficiency Challenges of eGovernment; LTE Deployment Challenges; Broadband Networks for Rural Service Delivery; Small Coverage Area Cells for Future Wireless Networks; Standardisation in Practice; Cognitive Management of Spectrum; Dependability of Emerging Economies on ICTs*

Technical chairs: *Stuart Sharrock (Telemates, UK) and Marko Jagodic (Iskratel, Slovenia)*

RCC representative: Davide Dardari

Total Submissions: *113*

Acceptance Rate (final): 20.4 *%*

#TPC members: *41*

Avg number of reviews/paper = 4   Rebuttal process *N*

The IEEE 3rd Latin-American Conference on Communications 2011 (LATINCOM 2011)

When: 26.10.2011 – 28.10.2011   Where: Belém, Pará, Brazil   http://www.ieee-latincom.org

Symposium/Tracks: "Sustainable Communications and Energy Efficiency," "Communications Systems and Signal Processing," "Next-Generation Networking and Internet," "Mobile and Wireless Networking," "Communication Software, Services and Multimedia Applications," "Communication QoS, Reliability and Performance Modeling"

General Chairs: Antônio J. G. Abelém and João C. W. A. Costa

Technical Program Co-Chairs: Stefano Bregni and Eduardo Cerqueira

TPC members: 60

RCC representative: Andrea Giorgetti (Univ. of Bologna, Italy)

Submission of full papers: 15 June 2011

Submission of tutorial proposals: 15 June 2011

Notification of acceptance: 30 August 2011

Submission of camera-ready papers: 15 September 2011

RWW/RWS2011 Conference Report

When: 16.01.2011 – 19.01.2011   Where: Glendale, AZ, USA

Symposium/Track: IEEE Radio and Wireless Week (RWW) / Radio and Wireless Symposium (RWS)

Co-chairs: names;: RWW/RWS2011 General Chair George Ponchak

RWW/RWS2011 TPC Co-Chairs: John Barr / Hsiao-Hwa Chen

RCC representative: Hsiao-Hwa Chen

Total Submissions: 265 (8 invited)

Acceptance Rate (final/expected): 68%/66%

#TPC members: 163 (85% response)

Avg number of reviews/paper = 6 (5.94)   Rebuttal process N

Keynote speech: (RWW Plenary Speaker)

Prof Sudharman Jayaweera, University of New Mexico, "Cognitive Radios: What are They Really?"

The Eighth International Symposium on Wireless Communication Systems 2011 (ISWCS 2011)

When: 6.*11.2011* – *9.11.2011*   Where: *Aachen, Germany*

Symposium/Track: Communication and Information Theory / Estimation, Detection and Coding / Networks, Cognitive and Cooperative Communication / Special Sessions

General chairs: Rudolf Mathar

Technical chairs: *Gerhard Kramer and Kwang-Cheng Chen*

RCC representative: Rodrigo de Lamare (rcdl500@ohm.york.ac.uk)

Total Submissions: *abt 400*

Acceptance Rate (final/expected): abt *60%*

#TPC members: *abt 100*

Avg number of reviews/paper = at least 3   Rebuttal process *N*

Keynote speeches: Helmut Bölcskei, Vince Poor, Abbas El-Gamal, Wolfgang Dahmen and Naohisa Ohta (all confirmed).

Tutorials: Stephen Hanly (Base station cooperation), Stephen Busch (Quantum Networking), Erdal Arikan(Polar Codes) and *Christian Hoymann* (3GPP Relaying Solution), all confirmed.

Supported special issues in IEEE Journals and Magazines

The following IEEE journals and magazines received technical sponsorship from IEEE Communications Society based on RCC recommendation

- IEEE Communications Magazine, Advances in Cooperative Wireless Networking
- IEEE Journal on Selected Areas in Communications, Distributed Broadband Wireless Communications
- IEEE Journal on Selected Areas in Communications, Broadband Wireless Communications for High Speed Vehicles

2011 Special Issue on Advances in Cooperative Wireless Networking

When: *20.11.2010 – 10.04.2012*   Where: *IEEE COMMUNICATOINS MAGAZINE,*

Symposium/Track: *Advances in Cooperative Wireless Networking: Part I, May 2011*

Advances in Cooperative Wireless Networking: Part II, April 2012

Co-chairs: Xi Zhang, Jiangzhou Wang, and Yi Qian

RCC representative: Xi Zhang*,*

Total Submissions: *42*

Acceptance Rate (final/expected): *12.5%*

#TPC members: *70+ Reviewers*

Avg number of reviews/paper = *3-5*   Rebuttal process *N*

Keynote speech: *speakers: N/A*

Special Issue on Distributed Broadband Wireless Communications

When: *June 2011*   Where: *IEEE Journal on Selected Areas in Communications*

Symposium/Track: Special Issue

Co-chairs: Jiangzhou Wang, Fumiyuki Adachi, Atilio Gameiro, Nathan Gomes, Ken-ichi Kitayama, Paulo Monteiro, Mamoru Sawahashi, Xiang-Gen Xia

RCC representative: Jiangzhou Wang

Total Submissions: *58*
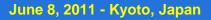
Acceptance Rate (final): *33%*

#TPC members: *100+ Reviewers*

Avg number of reviews/paper = *3-6*   Rebuttal process *N*

Keynote speech: *speakers: N/A*

Special Issue on Broadband Wireless Communications for High Speed Vehicles

When: *Q2 2012*   Where: *IEEE Journal on Selected Areas in Communications*

Symposium/Track: Special Issue

Co-chairs: Yiqing Zhou, Fumiyuki Adachi, Xiaodong Wang, Athanassios Manikas, Weiping Zhu, Xi Zhang

RCC representative: Yiqing Zhou

Total Submissions: *43*

Acceptance Rate (expected): *33%*

#TPC members:

Avg number of reviews/paper   Rebuttal process

Keynote speech: *speakers: N/A*

Education: Tutorials / Short Courses

Standard Activities

All IEEE standard activities have been listed in RCC website at the link

http://rcc.bo.cnit.it/ieeestardand.htm

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

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
Standards Discussed since Dec. 2010

- Ad Hoc facilitating draft PAR for Nanoscale Communications P1906.1

- Conformance Test Specification PAR to be developed by P1904.1 SIEPON WG

- Ballot for Spectrum Sensing in Advanced Radio Systems (COM/SC/DYSPAN-P1900.6)

- Endorsement of IEEE P1900.5™/D1.0 Draft Standard for Policy Language Requirements and System Architectures for Dynamic Spectrum Access Systems

- Draft Standard for the Functional Architecture of Next Generation Service Overlay Networks P1903

ComSoc Standards Board Technical Committee
Liaisons Report
Issues Raised

Motion by Stefano Gali:

◆Proposed to change ComSoc by-laws with respect to the Standards Activities to change TCs observer status to include voting rights

◆Details and implications to be presented at ICC 2011

New Business Items

Soliciting nominations for Technical Recognition Award 2011.

Next RCC Meeting

The next RCC meeting will be scheduled in
GC 2011, Houston, USA

THANK YOU AND
SEE YOU THEN!

Officers Contacts

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RCC Website:
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http://www.comsoc.org/socstr/org/operation/techcom/radio.html