

**IEEE ComSoc Society
Radio Communications Committee (RCC)
Minutes for the meeting held on December 3
GLOBECOM 2008, New Orleans, USA**

1. Introduction

The Committee Vice-Chair Andreas Molisch opened the Radio Communications Committee (RCC) meeting at 8.30 am. There were 23 members present, and a list of participants is attached. The Vice-Chair presented the agenda.

2. Approval of Agenda

The agenda was approved.

3. Approval of Minutes (at ICC'08)

The minutes were approved.

4. The 2008 IEEE ComSoc RCC Technical Recognition Award

The 2008 IEEE ComSoc RCC Technical Recognition Award was given to Prof. Moe Z. Win for "*his fundamental contribution to ultrawide bandwidth systems and MIMO transmission theory*"



5. Report on Conference activities:

List of technical symposia/workshops/conferences sponsored by RCC:

- IEEE Globecom 2008 Wireless Communications Symposium, to be held in New Orleans, USA, during 30 November to 4 December 2008.
RCC Representative: Xi Zhang (xizhang@ece.tamu.edu).

- IEEE Globecom 2008 Information and Network Security Symposium, to be held in New Orleans, USA, during 30 November to 4 December 2008.
RCC Representative: Jiankun Hu, (jiankun@cs.rmit.edu.au).
- ICUWB 2008, IEEE 2008 International Conference on Ultra-Wideband, held in Hannover, Germany, during Sep 10-12 2008.
RCC Representatives: Andreas Molisch (Andreas.Molisch@ieee.org), Moe Win (moewin@mit.edu).
- ICI2008 (Fourth IEEE UZ Regional Chapter International Conference in Central Asia on Internet The Next Generation of Mobile, Wireless and Optical Communications Networks), to be held at Tashkent University of Information Technologies TUIT, Uzbekistan. Duration: Sept. 23-25, 2008.
RCC Representative: Guy Omidyar (guy.omidyar@ieee.org)
- The 4th Advanced Satellite Mobile Systems Conference (ASMS), to be held in Bologna, Italy, Aug 26-28 2008.
RCC Representative: Giovanni E. Corazza (gecorazza@arces.unibo.it)
- ChinaCom 2008, held in August 25-27, Hangzhou, China.
RCC Representative: Andreas Molisch(molisch@merl.com).
- International Wireless Communications and Mobile Computing Conference 2008 (IWCMC 2008) held in Chania Crete Island, Greece, during 6-8 Aug 2008.
RCC Representative: Hsiao-Hwa Chen (hshwchen@ieee.org).
- IEEE RVIF 2008, IEEE International conference on research, innovation and vision for the future in computing and communication technology, held in July 7-11 2008, Ho Chi Minh City, Vietnam.
RCC Representative: Patrick Bellot (bellot@enst.fr).
- The 11th IEEE International Conference on Communication Systems (ICCS2008), to be held at Guangzhou,China, during Nov 19-21 2008.
RCC Representative: Davide Dardari (ddardari@ieee.org)
- IEEE Globecom 2009 Wireless Communications Symposium, to be held in Hilton Hawaiian Village, USA, during 30 November to 4 December 2009.
RCC Representative: Cheng Li (licheng@enr.mun.ca).
- IEEE ICC 2009 Wireless Communications Symposium, to be held in June 14-18, 2009, in Dresden Germany.
RCC Representative: Yi Qian (yqian@ece.uprm.edu).
- IEEE ICC 2009 Information and Network Security Symposium, to be held in June 14-18, 2009, in Dresden Germany.
RCC Representative: Peter Mueller (pmu@zurich.ibm.com).
- IEEE ICC 2009 Wireless Communications Symposium, to be held in June 14-18, 2009, in Dresden Germany. RCC Representative: Yi Qian (yqian@ece.uprm.edu).
- 2009 IEEE Radio and Wireless Symposium (RWS 2009) to be held in San Diego,CA, on 18 - 22 January 2009.
RCC Representative: Abbas Jamalipour (a.jamalipour@ieee.org)
- 2009 IEEE International Conference on Ultra-Wideband (ICUWB09), to be held at Vancouver BC, Canada, during Sep. 9-11 2009.
RCC Representative: Andreas Molisch (Andreas.Molisch@ieee.org)

- IEEE Globecom 2010 Wireless Communications Symposium, to be held in a location of USA, during 30 November/December 2010.
RCC Representative: Dr. Andrea Conti (a.conti@ieee.org)
- IEEE ICC 2010 Wireless Communications Symposium, to be held in May 23-27, in Capetown, South Africa.
RCC Representative: Yi Qian (yqian@ece.uprm.edu)

Workshops:

7th international Workshop on Multi-Carrier Systems & Solution 2009 (MC-SS 2009), German Aerospace Center (DLR), May 05-06, 2009 in Herrsching, Germany
RCC Representative: Simon Plass (Simon.Plass@dlr.de)

Reports presented

GC08 Computer and Communications Network Security Symposium (Reported by Peter Mueller)

Technical Co-Chairs:

- Peter Mueller, IBM Zurich Research Laboratory
- Jiankun Hu (RCC), RMIT University
- A. Benslimane, LIA/CERI

Total Submissions: 202

Acceptance ratio: 31.5%

TPC members: 248

Each paper assigned to three TPC members.

The number of participant nations is growing up.

The quality is not so high because of large heterogeneity of topics covered.

ICUWB 2008, IEEE 2008 International Conference on Ultra-Wideband (Reported by A. Molisch)

Held in Hannover, Germany, Sep 10-12 2008.

RCC Representatives: Andreas Molisch (Andreas.Molisch@ieee.org), Moe Win (moewin@mit.edu).

General Chair	Prof. Thomas Kaiser	Leibniz Universität Hannover, Germany
General Co-Chair	Dr. Wasim Malik	University of Oxford, UK
TPC Chair	Prof. Maria-Gabriella Di Benedetto	La Sapienza Univ. of Rome, Italy
TPC Co-Chair	Prof. Lorenzo Mucchi	University of Florence, Italy
Tutorial Chair	Prof. Moe Win	Massachusetts Institute of Techn., USA
Plenaries Chair	Prof. Huseyin Arslan	University of South Florida, USA
Publication Chair	Dr. Sven Zeisberg	GWT Dresden, Germany
Publicity	Dr. Feng Zheng Mr. Zhao Zhao	Leibniz Universität Hannover, Germany
Finance	Mrs. Barbara Adler	Leibniz Universität Hannover, Germany
Local Arrangement	Mrs. Eva-Maria Schröder	Leibniz Universität Hannover, Germany

Liasons	Prof. Alain Sibille Prof. Vincent Poor Prof. Zhi Ning Chen	ENSTA, France University of Princeton I2R, Singapore
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Submitted papers: 151 (regular) 68 (invited)

Accepted papers: 99 (Regular) 67 (invited)

Acceptance rate: 65%

Number of reviews per paper: at least 2; most 3

Sessions

Ultra-Wideband - 50 Years of Progress in Short Pulse Electromagnetics.	Dr. Robert J. Fontana (Multispectral Solutions, Inc.)
Ultra-wideband Communications and Ranging for Sensor Networks	Prof. Andreas F. Molisch (Lund University & Mitsubishi Electric Research Labs)
The Future of PAN Technologies	Dr. Stephen Wood (WiMedia Alliance & Intel Corporation)
Development of a Ultra Wideband Chipset for Highly Reliable Wireless Communications	Dr. Rajeev Krishnamoorthy (TZero Technologies, Inc.)

1 Panel Discussion: “*When Will We See UWB?*” Moderation: Thomas Kaiser

1 Tutorial: “*Ranging and Localization*”, Speakers: Davide Dardari, Andrea Giorgetti, and Andrea Conti

Fourth IEEE UZ Regional Chapter International Conference in Central Asia on Internet, the Next Generation of Mobile, Wireless and Optical Communications Networks Information and Communications Technologies with Application to E-and M-Commerce (ICI2008) (Reported by Guy Omidyar)

General Chair: Guy Omidyar (Omidyar-Institute, USA)

Co-Chairs: Vincent Guyot, Nargiza Usmanova, Rifat R. Ibraimov, Aripov Khajrula Kobilovich, Raj Jain, Tao Zhang,

Tutorials, Panels Chairs and Publications: Guy Omidyar (RCC representative)

Eight Sessions

Panel - Panel Title: Modern Information Technology Projects for Postal Service, chair: G.Nazarova, TUIT Tashkent

Keynote Speech: Professor Luigi Fratta, Professor Dipartimento di Elettronica e Informazione of the Politecnico di Milano, Italy

Title: inter-vehicles communication: a new frontier of ad-hoc network

ICI 2008 conference received more than 60 papers, 34 research papers from more than 10 countries was included the ICI 2008 conference in Tashkent.

Several difficulties encountered due to the language and custom procedures.

IEEE is moving to new geographical areas in developing countries. Next year ICI2008 will be held in Kathmandu.

WCNC'09 post-review summary (Reported by A. Conti)

April 5-8, 2009, Budapest, Hungary

Organization

General chair: Lajos Hanzo

General TPC Chair: Moe Win (MIT, USA)

Vice-Chairs: Andrea Conti (University of Ferrara, Italy)

Henk Wymeersch (MIT, USA)

Hamid Aghvami (King's College London, UK)

PHY Track

Hyundong Shin (Kyung Hee University, Korea)

Alberto Zanella (CNR, Italy)

George Christikos (Qualcomm, USA)

MAC Track

Gianluca Mazzini (University of Ferrara, Italy)

Gil Zussman (Columbia University, USA)

Andrea Giorgetti (University of Bologna at Cesena, Italy)

Networking Track

Hussein Mouftah (University of Ottawa, Canada)

Ozgur Oyman (Intel, USA)

Kyungsup Kwak (Inha University, Korea)

Services Track

Louis Correia (University of Lisbon, Portugal)

Tony Quek (I2R, Singapore)

Paulo de Sousa (European Commission)

Tutorials

Marco Chiani (University of Bologna, Italy)

Andy Molisch (MERL/Lund University, Sweden)

Geza Gerdos National Representative

Peter Nagy Sister Society Representative
Gyula Sallai Local Arrangements

Submission(S)/Acceptance(A)
MAC track: 299 S (134 A)
NET track: 353 S (160 A)
PHY track: 409 S (203 A)
Services track: 97 S (43 A)
Tutorials: 27 S (10 A)
Total: 1185 S (550 A = 46%)
Notifications sent out Nov 28

With extension of submission deadline from Sep.22, 2008 to Oct.6, 2008, 350 additional papers have been submitted resulting in a total of about 1185 submissions.

It will be organized a NEWCom++ special session (NEWCom++ is an European Network of Excellence on Wireless Communications within FP-7 framework)
Comments on TrackChair website: too many loopholes & side-effects (e.g., notifications, moving papers) issues with file permissions, deadlines very helpful
admins

**The 4th ASMS 2008 Advanced Satellite Mobile System Aug 2008, Bologna, Italy
(reported by Davide Dardari)**

Conference Co-Chairs:

- Giovanni E. Corazza, University of Bologna, Italy (RCC Representative)
- Sandro Scalise, DLR, Germany
- A. Vanelli-Coralli, University of Bologna, Italy

61 TPC members accepted to serve

Around 100 papers were submitted mostly from Europe

Programme Overview:

Oral presentations only (acceptance rate: 60%)

1 Full day tutorial on "Recent Advance on Digital Video Broadcasting"(5 instructors)

3 Panels with 12 invited speakers

ASMS2008 was co-located with the 10thIEEE ISSSTA2008 Conference

273 attendees for the joint event

**The 11th IEEE International Conference on Communication Systems
(ICCS2008), held at Guangzhou,China, during Nov 19-21 2008 (Reported by
D. Dardari)**

RCC Representative: Davide Dardari (ddardari@ieee.org)

Biennial event for IEEE Singapore Section Communications Chapter.

Organized jointly by IEEE Singapore Communication Chapter and South China University of Technology (SCUT).

This is the first time the event is held outside Singapore, with the aim to create more regional impact.

Total number of manuscripts submitted through EDAS is 978.

- 21 International advisory board members.
- 240 over TPC members involved in the reviewing process.
- Adopting TPC reviews. Each paper was assigned to three or more TPC members
- 70% of the papers have at least 3 independent reviews per manuscript. All papers have at least with 2 independent reviews.
- Accepted for oral presentation 343, acceptance rate 35%

IEEE Globecom 2009 Wireless Communications Symposium, to be held in Hilton Hawaiian Village, USA, during 30 November to 4 December 2009 (Reported by Cheng Li)

RCC Representative: Cheng Li (licheng@engr.mun.ca).

Symposium Co-chairs:

Robert Schober, Univ. of British Columbia, Canada (Leading co-chair)
Cheng Li, Memorial Univ. of Newfoundland, Canada (RCC Representative)
Jingxian Wu, University of Arkansas, USA
Alberto Zanella, National Research Council (CNR), Italy

Confirmed over 300 TPC members to serve for WCS

Expected technical paper submission: 800~1000 papers

Each paper will be assigned to three TPC members

Each TPC member will handle no more than 10 paper reviews

IEEE ICC 2009 Wireless Communications Symposium, to be held in June 14-18, 2009, in Dresden Germany (Reported by Yi Qian)

RCC Representative: Yi Qian (yqian@ece.uprm.edu).

Technical cochairs:

Sonia Aïssa (WTC) – leading co-chair
Nallanathan Arumugam (WTC)
Yi Qian (RCC)
Takaya Yamazato (SSC)
Matthew Valenti (SPCE)
Erik Perrins (CTTC)

297 members accepted to serve on the TPC for WCS

Received 711 paper submissions. Each paper assigned to three TPC members

Paper Acceptance Notification: 15 Jan 2009

The acceptance rate will be finalized during GC08

IEEE ICC 2009 Information and Network Security Symposium, to be held in June 14-18, 2009, in Dresden Germany (Reported by Peter Muller)

RCC Representative: Peter Mueller (pmu@zurich.ibm.com).

Technical co-chairs:

Raouf BOUTABA

Stefanos GRITZALIS

Jiankun HU

Peter Mueller (RCC representative)

Number of TPC members: 280

Number of submissions: 357

It was asked why so many TCP members. Peter Muller explained that the load for each member has to be kept low since on average TCP members are young and hence with limited experience.

The acceptance rate is usually lower than that of the other symposia.

2009 IEEE International Conference on Ultra-Wideband (ICUWB09), to be held at Vancouver BC, Canada, during Sep. 9-11 2009 (Reported by Lutz Lampe, Conference General Chair)

RCC Representative: Andreas Molisch (Andreas.Molisch@ieee.org)

The Conference General Chair Lutz Lampe gave an overview about ICUWB09.

IEEE Globecom 2010 Wireless Communications Symposium, to be held in a location of USA, during 30 November/December 2010 (Reported by Andrea Conti)

RCC Representative: Andrea Conti (a.conti@ieee.org)

The location of GC10 is Miami, USA.

The leadership structure and the symposia of GC10 is still under review process. Hopefully we can share them after it is approved in GIMS/GITC meeting at GC08. RCC will sponsor the Symposium of Wireless Communications at GC10 as one of the sponsoring TCs

Andrea Conti has been asked to serve as Co-Chair for this Symposium (It is expected the Symposium Co-Chair of a sponsoring TC would get supports from the TC to come up the TPC members and reviewers.)

Other details will be fixed during GC08

IEEE ICC 2010 Wireless Communications Symposium, to be held in May 23-27, in Capetown, South Africa (Reported by Yi Qian)

RCC Representative: Yi Qian (yqian@ece.uprm.edu)

Technical co-chairs:

Yi Qian (RCC) – leading co-chair

Ranjan Mallik (WTC)
Sennur Ulukus (CTTC)
Wei Chen (WTC)

Expect to invite 250 TPC members to serve for WCS
Expect to receive about 800 paper submissions
Each paper will assign to three TPC members

The Chair reported that ComSoc does not support conferences organized by CreateNet.
The quality of RCC sponsored conferences is high, i.e., with low acceptance ratio.

6. International workshops

No reports on international workshops were presented.

7. Education: Tutorials/Short courses

Tutorial – Workshop “*Amateur Radio in Engineering Education*”
by Miroslav Skoric, during the IEEE Region 8 EUROCON 2009 May 18-23, 2009,
St. Petersburg, Russia <http://www.ieee.org/go/eurocon2009/>

The Secretary presented the topics covered and intended audience.

Proposal of Summer Schools on the Amateur Radio Computing

Miroslav Skoric, University of Novi Sad, Serbia

As requested, RCC officers will investigate the possibility of ComSoc co-sponsorship.

8. Special issues on IEEE journals/Magazines

Yi Qian announced the special issue on "*Advances in Cooperative and Relay Communications*" IEEE Communications Magazine

Guest Editors

Woon Hau Chin, Institute for Infocomm Research, Singapore

w.h.chin@ieee.org

Yi Qian, National Institute of Standards and Technology, USA

yqian@nist.gov

Giovanni Giambene, University of Siena, Italy giambene@unisi.it

Full manuscript due: June 1, 2008

Acceptance notification: October 1, 2008

Final manuscript due: December 1, 2008

Publication date: February 2009

6 papers have been accepted. No notification received by authors yet due to flaw of manuscript central.

9. Election of RCC Officers

Prof. Moe Win, as member of the RCC Nomination and Election committee, presented the following nominations for RCC officers:

Chair: Andreas Molisch
Vice-Chair: Davide Dardari
Secretary: Tony Quek, Andrea Conti

The candidates were invited not to be present during the vote.
The results of the voting process are as follows:

Chair: Andreas Molisch (unanimous)
Vice-Chair: Davide Dardari (unanimous)
Secretary: Andrea Conti (majority)

10. Standards activities

Andy Molisch reported that ComSoc is putting a greater emphasis on standardization. While currently the Computer Society dominates the standards of greatest interest to the radio community (IEEE 802.11, 802.15, 802.16), Comsoc is trying to establish a greater presence especially in the area of cognitive radio. RCC members are encouraged to participate in ComSoc's activities.

11. Next RCC meeting will be scheduled in ICC'09 in Dresden, Germany.

12. Adjourn

The meeting was adjourned at 10 am.

Attendees list

Davide Dardari (University of Bologna)
Fulvio Babich (University of Trieste)
Neelesh Mehta (Indian Institute of Science)
Guy Omidyar (Omidyar-Institute, USA)
Yi Qian (NIST)
Kejie Lu (University of Puerto Rico)
Flavio Fabbri (University of Bologna)
Witold Krzymien (University of Alberta)

Walau Hamouda (Concordia University)
Tony Quek (Institute for Infocomm Research)
Ozgun Oyman (Intel Corporation)
Lutz Lampe (UBC)
Hyundong Shin (Kyung Hee University)
Marco Chiani (University of Bologna)
Gianluca Mazzini (University of Ferrara)
Hlaing Minn (University of Dallas)
Andrea Conti (University of Bologna)
Moe Win (MIT)
Jack Winters (JWC)
Cheng Li (Memorial University)
Petar Popovski (Aalborg University)
Andreas Molisch (MERL)
Peter Mueller (IBM, Zurich)