

IEEE ComSoc Society Radio Communications Committee (RCC)

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Minutes for the meeting held on December 6, 2012 IEEE Globecom 2012, Anaheim, USA

1. Introduction

The Committee Chair Davide Dardari opened the Radio Communications Committee (RCC) meeting at 12:30pm. There were 102 members present, and a list of participants is attached at the end of these minutes together with some photos. The Chair presented the agenda:

1. Welcome/Introductions
2. Approval of Agenda
3. Approval of ICC'12 RCC Meeting Minutes (available on the website)
4. Conferment of 2012 IEEE ComSoc RCC Technical Recognition Award
5. Report on Conference/Workshop Activities
6. Standards activities
7. RCC Officers' Elections (2013-2014)
8. New Business items
9. Next RCC meeting
10. Adjourn

RCC Mission

The RCC Chair explained the RCC Mission as follows:

“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.”

The Chair remarked that RCC active members and officers received prestigious awards and that numerous members of RCC are Editors of various IEEE and non-IEEE journals. In addition, ComSoc Distinguished Lecturers (2012-2013) nominated by RCC were recently selected: Mischa Dohler George Chrisikos.

2. Approval of the Agenda

The agenda was approved.

3. Approval of IEEE ICC’2012 RCC Meeting Minutes

The minutes (circulated via RCC email list and website) were approved.

4. Conferment of 2012 IEEE ComSoc RCC Technical Recognition Award

The 2012 IEEE ComSoc RCC Technical Recognition Award was given to Professor Desmond P. Taylor “for outstanding technical contributions to radio communications.”



Prof. Desmond P. Taylor receiving the award by the RCC Chair Prof. Davide Dardari.

5. Report on Conference/Workshops activities

Reports on the RCC sponsored conferences/workshops are available in the slides downloadable from the RCC website. Conferences/workshops and RCC representatives are listed below (see slides for details):

- Globecom 2012, WCS: Lorenzo Mucchi , CT: Shin Hyundong , CR: Peter Jung
- ICC 2013, Metha B. Neelesh, (WCS); Velio Tralli, (CT); Andrea Giorgetti, Cognitive Radio
- ASMS 2012, Davide Dardari, Giovanni E. Corazza, Alessandro Vanelli
- RWS 2013, Davide Dardari, Dimitris Toumpakaris, and Yiqing Zhou
- WPMC 2012, Jm Seigneur, Xiangyang Wang, Yuanliang Huang
- WCSP 2012, Jun Zheng
- ICCS 2012, Tony Quek, Sumei Sun, Ying-Chang Liang
- ICCIT 2013, ICT2013, Youssef Nasser, Arunabh Chattopadhyay, Bin Xia
- COMCAS 2013, Doug Zuckerman, Koichi Adachi, Yanxiang Jiang,
- ISPCC 2013, Lin Dai, Gianni Pasolini, Flavio Zabini
- ITS 2013, Jun-bo Wang, Dongmin Wang, Wei Peng,
- NCC 2013, Ranjan Mallik, Neelesh Mehta, Arnmugam Nallanathan
- WiSEE 2013, Davide Dardari, Andrea Conti, Oliver Holland

6. Standard Activities

ComSoc Standards Board Technical Committee Liaisons Report

The RCC representative, *Dr. George Chrisikos*, prepared slides to report on standards activity. The ComSoc SB objective is the discussion of IEEE/ComSoc Standards, development projects, new standardization initiatives, procedures, and operational Issues.

Activities (since last report)

- Project Authorization Requests (PARs)
 - 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
 - P1909.1** Recommended Practice for Smart Grid Communication Equipment – Test methods and installation requirements
- The P1900.X projects were transferred from COMSOC-SB to DySPAN-SC
- P1906.1 WG Liaison Request Letter to IEC TC 113 (Nanotechnology standardization for electrical and electronic products and systems)
- The IEEE P1858 on “Standard for Camera Phone Image Quality (CPIQ)” is currently sponsored by the IEEE-SA Board of Governors/Corporate Advisory Group (BOG/CAG).
- P1904.1 WG closed D2.6 recirculation and produced D3.0 for the Sponsor ballot.

- Emergency Warning System (EWS) Study Group would require a six-month extension or a transfer to the ComSoc Standardization Programs Development Board (SPDB)
- P1903 WG status, P1907.1 WG status: don't meet the requirement of at least three Advanced Entity Members of the IEEE-SA submit PAR modifications to NesCom requesting P1903.1, P1903.2, P1903.3, and P1907.1 each to be transferred from an entity project to an individual project.
 - 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

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

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

7. RCC Officers' Elections (2013-2014)

The Chair reminded the attendees about the policy and procedures of the RCC for the election of officers as they are reported in the RCC website.

Voting Members:

TC voting members shall be any individual who: 1) is an Active Member;¹ or 2) has contributed substantially to the TC activities. voting members of the second category should be recommended by TC members and should be approved by the TC Chair.

Elections procedure:

for the case of two candidates for a position, election is by simple majority. For the case of more than two candidates, selection proceeds through a series of elections: at each stage, the individual garnering the fewest votes is eliminated, until only two remain. In the event of a tie, votes shall again be cast until the tie is broken. If that is not possible, the TC person running the election (any of the elected TC officers) shall cast a tie-breaking vote. TC elections will normally be open. However, upon the request of any member, the election shall proceed by a secret ballot. Votes will be counted by at least one officer of the TC and any other member (officer or not). A record of votes cast must be retained for post-election audit purposes.

The Chair called for nominations from the floor in addition to those received via email and approved by the RCC Nomination and Election Committee. No new nominations were made by the attendees.

Candidates:

The nominated candidates (circulated also via the RCC mailing list) were

Chair: Andrea Conti (University of Ferrara)

Vice-Chair: Jiangzhou Wang (University of Kent)

Secretary: Neelesh Mehta (Indian Institute of Science);
Dimitris Toumpakaris (University of Patras);
Andrea Giorgetti (University of Bologna)

Election for Chair position:

Unanimous in favor of Andrea Conti

Andrea Conti is elected Chair of the RCC 2013-14

Election for Vice-Chair position:

Unanimous in favor of Jiangzhou Wang

Jiangzhou Wang is elected Vice-Chair of the RCC 2013-14

Election for Secretary position:

The total number of votes in the first round was greater than the number of eligible RCC Voting Members. Therefore a second round of voting was carried out after checking the eligibility of Voting Members in the audience. Neelesh Mehta received 7 votes, Dimitri Toumpakaris received 12 votes, Andrea Giorgetti received 9 votes, with the remainder of the audience abstaining. Thus Neelesh Mehta did not advance to the next round. In the third round both Dimitris Toumpakaris and Andrea Giorgetti received

¹ A member becomes an active member if he/she has attended (physically present or by teleconference) two or more of the prior five regular scheduled TC meetings.

13 votes with the remainder abstaining. In the fourth round Dimitris Toumpakaris received 13 votes and Andrea Giorgetti received 15 votes with the remainder abstaining. *Andrea Giorgetti is elected Secretary of the RCC 2013-14*

8. New Business Items

Soliciting nominations for Outstanding Service Award 2013

Soliciting nominees for Technical Program Committee activities

The RCC discussion group has been just created in

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

9. Next RCC meeting

The next RCC meeting will be scheduled in ICC 2013, Budapest, Hungary.

10. Adjourn

The meeting was adjourned at 1.30 pm.

Attendees list

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Some photos taken during the meeting follow.

