

IEEE ComSoc Society Radio Communications Committee (RCC)

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Minutes for the meeting held on June 14, 2012 IEEE ICC 2012, Ottawa, Canada

1. Introduction

The Committee Chair Davide Dardari opened the Radio Communications Committee (RCC) meeting at 12:30pm. There were 56 members present, and a list of participants is attached at the end of this minutes. The Chair presented the agenda:

1. Welcome/Introductions
2. Approval of GC'11 RCC Meeting Minutes
3. The 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 2012
8. New Business items
9. Next RCC meeting
10. Adjourn

2. Approval of IEEE GC'2011 RCC Meeting Minutes

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

3. 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 Christikos.

4. Conferment of 2012 IEEE ComSoc RCC Outstanding Service Award

The 2012 IEEE ComSoc RCC Outstanding Service Award was given to Dr. George Christikos, who has made significant contribution to RCC, especially in standardization.



Dr. George Chrisikos receiving the award by the RCC Chair Prof. Davide Dardari and the RCC Vice-Chair Prof. Andrea Conti.

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):

- 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
- ASMS 2012, Davide Dardari, Giovanni E. Corazza, Alessandro Vanelli,
- 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, Davide Dardari, Alessandro Vanelli-Coralli , Giovanni E. Corazza
- LATINCOM 2012, Andrea Giorgetti, Qin Xin, Pascal Lorenz

6. Standard Activities

ComSoc Standards Board Technical Committee Liaisons Report

The RCC representative, *Dr. George Chrisikos*, presented a 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)

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

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

TC's liaisons issue

- The direct involvement of TCs is not possible for legal reasons.
- TCs are not recognized entities under the IEEE-Standard Association

- Participants in standard process must fit into a legal framework for IEEE-SA
- TCs are encouraged to propose standard projects to CSSB and form Standard Working Groups according to the IEEE-SA process

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

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

7. RCC Elections: Nominations Committee 2012

The Chair announces that 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"

8. New Business Items

Soliciting nominations for Outstanding Technical Recognition Award 2012

Soliciting nominations for ComSoc Distinguished Lecturers

Soliciting nominees for Technical Program Committee activities

9. Next RCC meeting

The next RCC meeting will be scheduled in GC'2012, Anaheim US.

10. Discussions and Adjourn

The meeting was adjourned at 1.30 pm.

Attendees list

1. Sandro Scalise, DLR, sandro.scalise@dlr.de
2. Ahmed Iyanda Sulyman, King Saud Univ. asulyman@ksu.edu.sa
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