

## **IEEE ComSoc Society Radio Communications Committee (RCC)**

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### **Minutes for the meeting held on June 13, 2014 IEEE ICC 2014, Sydney, Australia**

#### **1. Introduction**

The Committee Chair Andrea Conti opened the Radio Communications Committee (RCC) meeting at 12:35pm. There were 67 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 GC' 13 RCC Meeting Minutes (available on the website)
4. Conferment of 2014 IEEE ComSoc RCC Outstanding Service Award
5. Actions from Recertification Report
6. Report on Conference/Workshop Activities
7. Report on Standards activities
8. ComSoc Student Competition: Communication Technology May Change the World
9. New Business items
10. Next RCC meeting
11. Adjourn

#### **2. Approval of the Agenda**

The agenda was approved.

#### **3. Approval of IEEE Globecom 2013 RCC Meeting Minutes**

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

#### 4. Conferment of 2014 IEEE ComSoc RCC Outstanding Service Award

The 2014 IEEE ComSoc RCC Outstanding Service Award was given to Professor Arumugam Nallanathan.



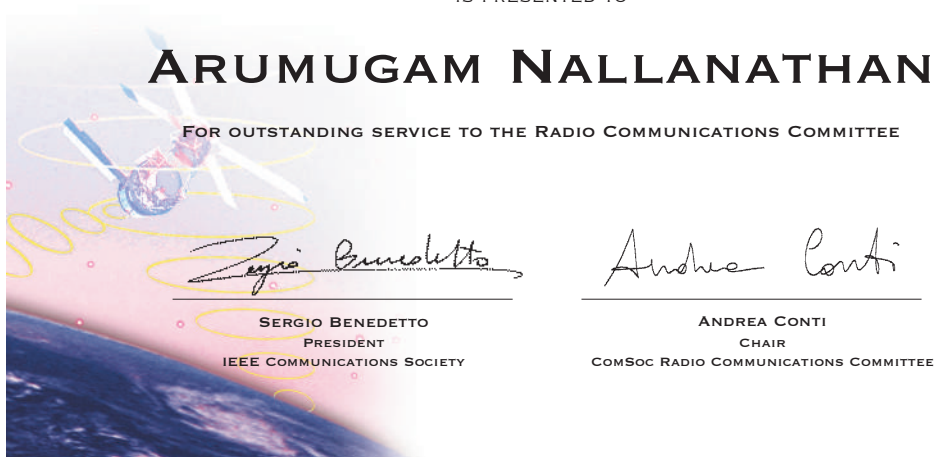
IEEE COMMUNICATIONS SOCIETY  
RADIO COMMUNICATIONS COMMITTEE

### 2014 OUTSTANDING SERVICE AWARD

IS PRESENTED TO

**ARUMUGAM NALLANATHAN**

FOR OUTSTANDING SERVICE TO THE RADIO COMMUNICATIONS COMMITTEE



SERGIO BENEDETTO  
PRESIDENT  
IEEE COMMUNICATIONS SOCIETY

ANDREA CONTI  
CHAIR  
COMSOC RADIO COMMUNICATIONS COMMITTEE

#### 5. Actions from Recertification Report

The following actions have been taken according to what requested in the Recertification report.

- a) Updated the RCC mission as follows.

*The IEEE Communications Society's Radio Communications Committee (RCC) is primarily interested in physical layer wireless communications. Its areas of interest include engineering aspects of communication and localization systems, equipment, and operation with involvement in standardization, spectrum, and regulatory efforts. Technologies considered span point-to-point, point-to-multipoint, multipoint-to-multipoint, mobile radio access, and adaptive diversity systems. The RCC sponsors and promotes technical publications, conferences, symposia, workshops, tutorials, and other related activities on the aforementioned aspects. The committee also assumes the proactive duty to nominate suitable*

*candidates for Communications Society and IEEE awards, propose distinguished lecturer candidates, and endorse deserving candidates for the election to IEEE Senior Member and Fellow grade.*

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.

- b) Moved the RCC website to the ComSoc platform  
New URL [http://committees.comsoc.org/TC\\_RC](http://committees.comsoc.org/TC_RC)
- c) Updated P&P especially for the part related to election of new officers  
See slides or access the link  
[http://cms.comsoc.org/eprise/main/SiteGen/TC\\_RC/Content/Home/Policies\\_\\_\\_Procedures.html](http://cms.comsoc.org/eprise/main/SiteGen/TC_RC/Content/Home/Policies___Procedures.html)

All the aforementioned actions have been approved.

## **6. 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 2014:** Yiqing Zhou (WCS), Rose Hu (SP)
- **GLOBECOM 2014:** Santiago Mazuelas (WCS), Alberto Rabbachin (CRN)
- **GLOBECOM 2013:** Claude Oestges (WCS), Nallanathan Arumugam (CT), Andrea Giorgetti (CRN)
- **MED-HOC-NET 2014:** Andrea Giorgetti, Fulvio Babich
- **ISWCS 2014:** Andrea Giorgetti
- **EUCNC'14:** Roberto Verdone, Mischa Dohler, Davide dardari
- **ICT 2014:** Peng Xu, Barbara Masini
- **ITS 2014:** Jun-bo Wang, Dongmin Wang, Wei Peng

## **7. Report on 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.

### ***IEEE Communications Society (ComSoc) Standards Development Board (SDB)***

- **Approved standards:**

- IEEE 269-2010: IEEE Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets
- IEEE 269a-2012: IEEE Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets - Amendment 1
- IEEE 661-1979: IEEE Standard Method for Determining Objective Loudness Ratings of Telephone Connections
- IEEE 1329-2010: IEEE Standard Method for Measuring Transmission Performance of Speakerphones
- IEEE 1652-2008: IEEE Standard for the Application of Free Field Acoustic Reference to Telephony Measurements
- IEEE 1902.1-2009: IEEE Standard for Long Wavelength Wireless Network Protocol
- IEEE 1903-2011: IEEE Standard for the Functional Architecture of Next Generation Service Overlay Networks (NGSON)
- IEEE 1904.1-2013: IEEE Standard for Service Interoperability in Ethernet Passive Optical Networks (SIEPON)

• **Active projects:**

- P269: Standard for Measuring Electroacoustic Performance of Communication Devices
- P1858: Standard for Camera Phone Image Quality (CPIQ) - co-sponsored with IEEE-SA Board of Governors (BOG) Corporate Advisory Group (CAG)
- P1903.1: Standard for Content Delivery Protocols of NGSON
- P1903.2: Standard for Service Composition Protocols of NGSON
- P1903.3: Standard for Self-Organizing Management Protocols of NGSON
- P1904.1: IEEE Draft Standard for Service Interoperability in Ethernet Passive Optical Networks (SIEPON)
- P1904.1-Conformance01: Standard for Conformance Test Procedures for SIEPON, IEEE Std 1904.1 Package A
- P1904.1-Conformance02: Standard for Conformance Test Procedures for SIEPON, IEEE Std 1904.1 Package B
- P1904.1-Conformance03: Standard for Conformance Test Procedures for SIEPON, IEEE Std 1904.1 Package C
- P1906.1: Recommended Practice for Nanoscale and Molecular Communication Framework
- P1907.1: Standard for Network-Adaptive Quality of Experience (QoE) Management Scheme for Real-Time Mobile Video Communications
- P1908.1: Virtual Keyboard Standard for Indic Languages
- P1910.1: Standard for Meshed Tree Bridging with Loop Free Forwarding

## Dynamic Spectrum Access Networks Standards Committee (DySPAN-SC)

- **Approved standards:**

- IEEE 1900.1-2008: IEEE Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Wireless Networks, System Functionality, and Spectrum Management
- IEEE 1900.1a-2012: IEEE Standard for Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Wireless Networks, System Functionality, and Spectrum Management Amendment: Addition of New Terms and Associated Definitions
- IEEE 1900.2-2008: IEEE Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems
- IEEE 1900.4-2009: IEEE Standard for Architectural Building Blocks Enabling Network-Device Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Access Networks
- IEEE 1900.4a-2011: 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
- IEEE 1900.4.1-2013: IEEE Standard for Interfaces and Protocols Enabling Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Networks
- IEEE 1900.5-2011: IEEE Standard for Policy Language Requirements and System Architectures for Dynamic Spectrum Access Systems
- IEEE 1900.6-2011: IEEE Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems

- **Active projects:**

- P1900.1: Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Wireless Networks, System Functionality, and Spectrum Management
- P1900.5.1: Standard Policy Language for Dynamic Spectrum Access Systems
- P1900.5.2: Method for Modeling Spectrum Consumption
- P1900.6a: Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems Amendment: Procedures, Protocols and Data Archive Enhanced Interfaces
- P1900.7: Radio Interface for White Space Dynamic Spectrum Access Radio Systems Supporting Fixed and Mobile Operation

All IEEE standard activities have been listed in RCC website at the link:  
[http://committees.comsoc.org/TC\\_RC](http://committees.comsoc.org/TC_RC)

## 8. ComSoc student competition program

ComSoc has launched a Student Competition Program, for graduate and undergraduate students. Please review details presented at:

<http://www.comsoc.org/communications-technology-changing-world>

The theme of the first competition is "Communications Technology Changing the World".

ComSoc Student Competition RCC representative: Dr. Alberto Rabbachin at the European Commission, [a.rabbachin@ieee.org](mailto:a.rabbachin@ieee.org)

## 9. New Business Items

Soliciting nominations for Technical Recognition Award 2014.

Soliciting nominees for Technical Program Committee activities.

The RCC discussion group:

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

## Best readings

[www.comsoc.org/best-readings](http://www.comsoc.org/best-readings)

List of papers (w/commentary and hyperlinks) online. One new every quarter: power line communications; cognitive radio; broadband access; green communications multi-tier cellular networks.

## 10. Next RCC meeting

The next RCC meeting will be scheduled in Globecom 2014, Austin, TX USA.

## 11. Adjourn

The meeting was adjourned at 1.30 pm.

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## Attendees list

	First Name	Surname	Affiliation	email
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Some photos taken during the meeting follow.

