IEEE COMMUNICATIONS SOCIETY
Radio Communications Committee (RCC)

IEEE ICC 2018
Kansas City, MO

May 23, 2018 – 12:30 – 14:00

Chair: Andrea Giorgetti
Vice Chair: Yuan Shen
Secretary: Jemin Lee
Agenda

1. Welcome
2. Approval of Agenda
3. Approval of GC’17 RCC Meeting Minutes (available on the website)
4. Report on Conference/Workshop activities
5. Standardization Activities
6. New Business Items
7. Conferment of 2018 IEEE ComSoc RCC Outstanding Service Award
8. Conferment of 2018 IEEE ComSoc RCC Early Achievement Award
9. Invited talk: Dr. Santiago Mazuelas “Probabilistic processing of complex data”
10. Invited talk: Dr. Walid Saad "Unmanned Aerial Vehicles for Wireless Networking: An Overview"
11. Next RCC meeting
12. Adjourn
 Approval of GC’17 RCC Meeting Minutes available at
http://rc.committees.comsoc.org
RCC Mission

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.
Supported conferences

The following conferences received Technical Sponsorship from IEEE Communications Society based on RCC recommendation
Conference Reports

GLOBECOM 2017: Andrea Conti (WC)
ICC 2018: Andrea Giorgetti (SPC)
GLOBECOM 2018: Yuan Shen (WC)
ICC 2019: Julian Cheng (WC)
GLOBECOM 2019: Enrico Paolini (CT), Fauzi Bader (CR)
ICT 2018: Fauzi Bader, Tingting Zhang, Ruei-Hau Hsu
ASMS/SPSC 2018: Tingting Zhang, Ahmed Elzanaty, Mohapatra Parthajit
WCSP 2018: Nan Wu, Sudarshan Mukherjee, Ahmed Elzanaty
WiSEE 2018: Ahmed Elzanaty, Sunwoo Kim, Hesham Elsawy
IINTEC 2018: Ahmed Elzanaty, Sudarshan Mukherjee, Tingting Zhang

http://rc.committees.comsoc.org
GLOBECOM 2017 – Wireless Communications Symposium

Where: Singapore

Symposium: Wireless Communications
Co-chairs: Kaibin Huang, Mohamed Slim-Alouini, Yi Gong, Andrea Conti, Zhiguo Shi
RCC representative: Andrea Conti (a.conti@ieee.org)

Total Submissions: 423
Acceptance Rate (final/expected): ~38.8% (164 accepted papers)

#TPC members: 404
Avg number of reviews/paper = 3+ (assigned ~5 per paper)
Rebuttal process N
ICC 2018 – Signal Processing for Communications Symposium

When: 20.05.2018 – 24.05.2018 Where: Kansas City, Mo, USA

Symposium: Signal Processing for Communications Symposium
Co-chairs: Xiaohu Ge (Lead Co-Chair), Takahiko Saba, Andrea Giorgetti

RCC representative: Andrea Giorgetti (a.giorgetti@ieee.org)

Total Submissions: 141
Acceptance Rate (final/expected): 37%
#TPC members: 449
Avg number of reviews/paper = 4
Rebuttal process: No

Keynotes: JAMES H. THOMPSON (Qualcomm Technologies, Inc.), NICK MCKEOWN (Stanford University), ELISA BERTINO (Purdue University), YONGXING ZHOU (Huawei), JOHN SAW (SPRINT), THYAGA NANDAGOPAL (NSF), PAUL TILGHMAN (DARPA)
GLOBECOM 2018 – Wireless Communications Symposium


Symposium/Track: Wireless Communications Symposium
Co-chairs: Yuan Shen (Lead), Sheng Zhou, Hyunbum Kim, Athanasios Iossifides, Daniele Tarchi

RCC representative: Yuan Shen (shenyuan_e@tsinghua.edu.cn)

Total Submissions: 394
Acceptance Rate (final/expected): 40%
#TPC members: 335
Avg number of reviews/paper = 4          Rebuttal process

Keynote/Invited Speakers: Marcus Weldon (Bell Labs), Gerhard P. Fettweis (TU Dresden),
Ibrahim Gedeon (TELUS), Guru Parulkar (Stanford)
**ICC 2019– Wireless Communications Symposium**

When: 20.05.2019 – 24.05.2019  
Where: Shanghai, China

Symposium: *Wireless Communications*
Co-chairs: Xu (Judy) Zhu, Harpreet Dhillon, Feifei Gao, Julian Cheng, Andreas Knopp

RCC representative: Julian Cheng (Julian.Cheng@ubc.ca)

Total Submissions: TBC  
Acceptance Rate (expected): <40%  
#TPC members: TBC  
Avg number of reviews/paper = 4  
Rebuttal process: No

Prospective TPC members may contact Julian Cheng (Julian.Cheng@ubc.ca)
Globecom 2019– Communication Theory Symposium

Where: Waikoloa Village, HI United States

Symposium: Communication Theory
Co-chairs: Wei Yu, Enrico Paolini, Andrea M. Tonello

RCC representative: Enrico Paolini (e.paolini@unibo.it)

Total Submissions: TBC
Acceptance Rate (expected): <40%
#TPC members: TBC
Avg number of reviews/paper = TBC
Rebuttal process: No

Prospective TPC members may contact: Enrico Paolini (e.paolini@unibo.it)
Globecom 2019– Cognitive Radio & Networks

Where: Waikoloa Village, HI United States

Symposium: Cognitive Radio & Networks
Co-chairs: Daniel Benevides da Costa, Faouzi Bader

RCC representative: Faouzi Bader (faouzi.bader@supelec.fr)

Total Submissions: TBC
Acceptance Rate (expected): <40%
#TPC members: TBC
Avg number of reviews/paper = TBC
Rebuttal process: No

Prospective TPC members may contact: Faouzi Bader (faouzi.bader@supelec.fr)
**ICT 2018**

When: 26.06.2018 – 28.06.2018
Where: Saint-Malo, France

Conference: *International Conference on Telecommunications*

Co-chairs: Jacques Palicot (CentraleSupélec, France) and Ramesh Pyndiah (IMT-Atlantique, France)

RCC representative: Faouzi Bader (carlos.bader@supelec.fr)

Total Submissions: 200 (expected)
Acceptance Rate (final): 50%

TPC members: 263

Avg number of reviews/paper = 3 to 4 reviewers/paper

Rebuttal process: NO

Keynote speech: Thomas Kürner from Technische Universität Braunschweig (Germany), Thomas L Marzetta from NYU Tandon School of Engineering, New-York (USA), and David Gesbert from EURECOM Sophia Antipolis (France)
ASMS/SPSC 2018

When: 10.09.2018 – 12.09.2018  Where: University of Bologna, Bologna, Italy

Conference: Advanced Satellite Multimedia Systems Conference (ASMS) and Signal Processing for Space Communications Workshop (SPSC)

General Co-chairs: Sandro Scalise, DLR and Alessandro Vanelli-Coralli, Univ. of Bologna

RCC representative: Tingting Zhang (zhangtt@hit.edu.cn)

Total Submissions: TBC (Submission deadline: May 21, 2018)
Acceptance Rate (final/expected): 40%
#TPC members: TBC
Avg number of reviews/paper = 3-4  Rebuttal process: No
Keynote/Invited Speakers: TBC
WCSP 2018


Conference: *International Conference on Wireless Communications and Signal Processing*

General Chairs: Prof. Yonghua Song, Zhejiang University, China
              Prof. Lajos Hanzo, University of Southampton, UK

RCC representative: Nan Wu (nanwu@bit.edu.cn)

Total Submissions: TBC
Acceptance Rate (final/expected): 50% (expected)
#TPC members: TBC
Avg number of reviews/paper = 3 Rebuttal process No

Keynote/Invited Speakers: Zhi-Quan (Tom) Luo, Merouane Debbah, Costas Courcoubetis, Geoffrey Li, Wei Yu
**WISEE 2018**

Where: Huntsville, AL, USA  
Conference: *IEEE International Conference on Wireless for Space and Extreme Environments*  
General Chairs: Dr. DeLisa Wilkerson, NASA MSFC  
  Dr. Ravi Gorur, University of Alabama in Huntsville, USA  

RCC representative: Ahmed Elzanaty (ahmed.elzanaty@unibo.it)

Total Submissions: TBC  
Acceptance Rate: around 30% (expected)  
#TPC members: ~130  
Avg number of reviews/paper = 3 to 4  
Rebuttal process No  
Reviewing Policy: Blind  
Keynote speech: Robert Lightfoot, Larry Leopard, Dr. Roy Olsson, Dr. Amitabh Mishra, Prof. Manos Tentzeris, Prof. Tadashi Takano, Prof. Simone D'Amico, Prof. Habib Rashvand
IINTEC 2018

Conference: International Conference on Internet of Things, Embedded Systems and Communications Communications Systems
General Chairs: Prof. Salem Hasnaoui, University of Tunis El Manar, Tunisia
   Prof. Vahid MEGHDADI, ENSIL-ENSCI, LIMOGES, France
RCC representative: Ahmed Elzanaty (ahmed.elzanaty@unibo.it)

Total Submissions: 150 papers (estimation)
Acceptance Rate: Between 35% and 41%
#TPC members: 426
Avg number of reviews/paper = 3 to 4  Rebuttal process Yes
Reviewing Policy: Double blind
Keynote speech: Prof. Latif LADID - University of Luxembourg, TBA, TBA
ICSPCS 2018

Where: Cairns, Australia

Conference: 12th International Conference on Signal Processing and Communication Systems
Co-chairs: Tadeusz Wysocki (General), Hamid Sharif (TPC)

RCC representative: Tadeusz Wysocki (twysocki2@unl.edu)

Total Submissions: 250 to 300 (expected)
Acceptance Rate (final/expected): 35% (expected)
#TPC members: 80
Avg number of reviews/paper = 3
Rebuttal process - No
Keynote/Invited Speakers: Dr. Parastoo Sadeghi
ComSoc Standards Board Technical Committee Liaisons Report

RCC Standard Liaisons Officer: George Chrisikos (gchrisikos@ieee.org)

- ComSoc SB Objective:
  - Discussion of IEEE/ComSoc Standards Development Projects
  - New Standardization Initiatives
  - Procedures
  - Operational Issues
  - In partnership with the IEEE-SA Standards Board
IEEE Communications Society (ComSoc) Standards Development Board (SDB)

**Approved standards:**
- IEEE 1652-2016: IEEE Standard for Translating Head and Torso Simulator Measurements from Eardrum to Other Acoustic Reference Points

**Active projects:**
- P269: Standard for Measuring Electroacoustic Performance of Communication Devices
- P2784: Guide for the Technology and Process Framework for Planning a Smart City
Dynamic Spectrum Access Networks Standards Committee (DySPAN-SC)

**Approved standards:**

- IEEE 1900.2-2008: IEEE Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems

**Active projects:**

- P1900.5.1: Standard Policy Language for Dynamic Spectrum Access Systems
Power Line Communication Standards Committee (PLC-SC)

**Approved standards:**
- IEEE 1901.2-2013: IEEE Standard for Low Frequency (less than 500 kHz) Narrow Band Power Line Communications for Smart Grid Applications
- IEEE 2030.5-2013: IEEE Adoption of Smart Energy Profile 2.0 Application Protocol Standard
- IEEE 1909.1-2014: IEEE Recommended Practice for Smart Grid Communications Equipment — Test Methods and Installation Requirements
- IEEE 1901.2a-2015: IEEE Standard for Low-Frequency (less than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications – Amendment 1

**Active projects:**
- P2030.5: Standard for Smart Energy Profile Application Protocol
- P1901.1: Medium Frequency (less than 15 MHz) Power Line Communications for Smart Grid Applications
- P1901.1.1: Standard Test Procedures for IEEE 1901.1 Standard for Medium Frequency (less than 15 MHz) Power Line Communications for Smart Grid Applications
Virtualized and Software Defined Networks and Services Standards Committee (NetSoft-SC)

**Approved standards:**

**Active projects:**
- P1913: Software-Defined Quantum Communication
- P1915.1: Standard for Software Defined Networking and Network Function Virtualization Security
- P1916.1: Standard for Software Defined Networking and Network Function Virtualization Performance
- P1917.1: Standard for Software Defined Networking and Network Function Virtualization Reliability
- P1921.1: Software-Defined Networking (SDN) Bootstrapping Procedures
- P1930.1: Recommended Practice for Software Defined Networking (SDN) based Middleware for Control and Management of Wireless Networks

Green ICT Standards Committee (GreenICT-SC)

**Active projects:**
- P1922.1: A method for calculating anticipated emissions caused by virtual machine migration and placement
- P1922.2: A method to calculate near real-time emissions of information and communication technology infrastructure
- P1923.1: Computation of energy efficiency upper bound for apparatus processing communication signal waveforms
- P1924.1: Recommended practice for developing energy efficient power-proportional digital architectures
- P1925.1: Energy Efficient Dynamic Line Rate Transmission System
- P1927.1: Services Provided by the Energy-efficient Orchestration and Management of Virtualized Distributed Data Centers Interconnected by a Virtualized Network
- P1929.1: An Architectural Framework for Energy Efficient Content Distribution
Mobile Communication Networks Standards Committee (MobiNet-SC)

- **Active projects:**
  - P1914.1: Standard for Packet-based Fronthaul Transport Networks
  - P1914.3: Standard for Radio Over Ethernet Encapsulations and Mappings
  - P1918.1: Tactile Internet: Application Scenarios, Definitions and Terminology, Architecture, Functions, and Technical Assumptions
  - P1918.1.1: Haptic Codecs for the Tactile Internet
  - P1920.1: Aerial Communications and Networking Standards
  - P1931.1: An Architectural Framework for Real-time Onsite Operations Facilitation (ROOF) for the Internet of Things
  - P1932.1: Licensed/Unlicensed Spectrum Interoperability in Wireless Mobile Networks
  - P1933.1: Hybrid Automatic Repeat reQuest for High Throughput Applications

Edge, Fog, Cloud Communications with IOT, Big Data Standards Committee (EdgeCloud-SC)

- **Approved standards:**

- **Active projects:**
  - P1912: Privacy and Security Architecture for Consumer Wireless Devices
  - P1906.1.1: Standard Data Model for Nanoscale Communication Systems
  - P1934: OpenFog Reference Architecture for Fog Computing

Access and Core Networks Standards Committee (AccessCore-SC)

- **Approved standards:**

- **Active projects:**
  - P1904.2: Management Channel for Customer-Premises Equipment Connected to Ethernet-Based Subscriber Access Networks
  - P1911.3: HDBaseT 5Play
  - P1910.1: Meshed Tree Bridging with Loop Free Forwarding
IPIN International Standards Committee

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

IPIN (Indoor Positioning and Indoor Navigation) [http://ipin-conference.org/]
- Location information of devices in indoor environments has become a key issue for many emerging applications. However, there is no overall and easy solution.
- IPIN brings together researchers, system developers, and service providers in the area of indoor positioning and navigation.
- IPIN is one of the largest and very active community working in indoor positioning and navigation worldwide with hundreds of participants, both from academia and industry, during the annual IPIN conference.
- First annual IPIN conference hosted by ETH Zurich in 2010.
- IPIN 2018 conference will be at Nantes, France, September 24-27, 2018. (http://ipin2018.ifsttar.fr/)

IPIN International Standards Committee
- Part of IPIN organization
- Develops standards through the collaboration of academia, industry and government organizations.
- Developed standards
  - Vendor neutral
  - technology-agnostic
  - open architecture standards based on the OSI model.

Meetings
- regularly scheduled conference calls
- face-to-face during annual IPIN conference
IPIN International Standards Committee

Vision

➢ Ubiquitous indoor navigation: Anytime, Anywhere, Anyone

Mission

➢ Enable seamless indoor navigation around the globe by defining open architecture and technology agnostic standards.

Committee Structure

1. Architecture Subcommittee
2. Industry Liaison Subcommittee
3. IPIN Liaison Subcommittee
4. Map Subcommittee
5. Membership Subcommittee
6. Publication Subcommittee
7. Standards Organization Liaison Subcommittee
8. Cyber Security Subcommittee
9. Technology Subcommittee
10. User Interface Subcommittee
11. Evaluation Subcommittee

http://rc.committees.comsoc.org
IPIN International Standards Committee

1. Architecture Subcommittee
   ➢ Develops an open architecture based standard which conform to the OSI model.
   ➢ Reviews and evaluates other published works regarding indoor navigation standards

2. Industry Liaison Subcommittee
   ➢ Maintains liaison with other industry groups to promote the standards developed by the Committee

3. IPIN Liaison Subcommittee
   ➢ Maintains liaison with the IPIN

4. Map Subcommittee
   ➢ Renamed from Mapping to Map to highlight that the focus is on indoor map formats/standards, rather than the process of creating maps
   ➢ Evaluates the relevant published standards for indoor maps
   ➢ Recommends appropriate data format for storage and transmission of the indoor maps

5. Membership Subcommittee
   ➢ Promotes membership and reviews new membership requests

6. Publication Subcommittee
   ➢ Reviews and approves publications
   ➢ Maintains the IPIN International Standards Committee webpage

http://rc.committees.comsoc.org
IPIN International Standards Committee

7. Standards Organization Liaison Subcommittee
   - Investigates the best ways to publish the standards
   - Interacts with other standards organizations

8. Cyber Security Subcommittee
   - Researches cyber security issues related to IPIN systems and recommend mitigation methods

9. Technology Subcommittee
   - Researches new and emerging technologies
   - Tracks the advances of the existing technology which will improve the localization systems

10. User Interface Subcommittee
    - Investigates the machine-to-human Interface and machine-to- machine interface methods and procedures
    - Recommends appropriate methods for adoption.
    - Promotes consistent phraseology and user interface, i.e. same look and feel, used by the indoor navigation systems around the globe for better user experience (UX).

11. Evaluation Subcommittee
    - New Subcommittee
IPIN International Standards Committee – Recent Activities

1. Hosted a special session on Standardization and Indoor Navigation for the Blind at IPIN 2017 Conference in Sapporo, Japan
   • Presentations are posted at http://www.ipin2017.org/program.php

2. Formed a new Evaluation Subcommittee
   • Researches, develops and publishes new benchmarks and evaluation metrics for comparing indoor localization technologies
IPIN International Standards Committee – Map Subcommittee

1. Goals
   • Produce Use-Case reports on
     • Requirements for each type of use-case
     • Implementation issues including (i) production of indoor maps, (ii) discovery of maps, and (iii) re-use of existing maps
   • Comparative Study on Indoor Maps
     • Study indoor map data formats (including proprietary formats)
       • Candidate formats include OGC IndoorGML and CityGML, IFC, ISO/TC 211, ISO/TC 204, IEEE/RAS MDR (robot), OpenStreetMap, KML, Google Indoor Map, Micello, ESRI, Aisle411 among others
     • Examine conversion from one format to another
     • Compare pros and cons of each format for different applications
     • Provide application-specific recommendations for indoor map formats

2. Recent Activities
   • Prepared background information video on indoor map formats
     • OGC IndoorGML video - https://youtu.be/DB-cqC2t0Jc
     • IEEE MDR, ISO TC204, and ISO TC211 document
     • CityGML 2.0 video - https://youtu.be/wJsxVYZpjtE

If you are interested in any type of contributions, you may contact with Ki-Joune Li (lik@pnu.kr)
Contact:

Christos Laoudias, IPIN-ISC Secretary
laoudias@ucy.ac.cy

IPIN Conference: http://ipin-conference.org/
Communication Technology May Change the World
Student Competition

RCC representative: Alberto Rabbachin (a.rabbachin@ieee.org)

The competition Communication Technology May Change the World, by the IEEE Communications Society – Member Relations, recognizes students or teams of students who demonstrate the capacity to improve the lives of people, through the application of communication technology and the development of projects that meet the human needs of people. http://www.comsoc.org/communications-technology-changing-world

Deadline: Around Sept. 2018

Prizes

• 1st: USD $2000 + plaque
• 2nd: USD $1000 + plaque
• All other projects judged meritorious by the evaluation committee will receive honorary certificates of appreciation by the IEEE Communications Society.
STUDENT COMPETITION 2017 RESULTS

FIRST PRIZE

3D Air Pollution Monitoring System in Urban Areas using UAV
Yuzhe Yang, Peking University

SECOND PRIZE

An Adaptive Physiology-Aware Communication Framework
Mohammad Hosseini, University of Illinois at Urbana-Champaign (UIUC)

https://www.comsoc.org/2017-ieee-comsoc-student-competition-winners
Selected Distinguished Lecturers

• Luiz DaSilva, Trinity College Dublin (renewed, 2nd term)
• Andreas Molisch, University of Southern California
• Davide Dardari, University of Bologna
• Tony Q. S. Quek, Singapore University of Technology and Design

• September 30, 2018, deadline to nominate a candidate to serve as a Distinguished Lecturer in 2019- 2020
• Notification of selected nominees will be announced at Globecom 2018.
Best Readings

Website: www.comsoc.org/best-readings
List of papers (w/commentary and hyperlinks) online.
Topics include: power line communications; cognitive radio; broadband access; green communications; multi-tier cellular networks (Andrea Conti, RCC);

New Best Readings proposed by RCC on Localization

Editorial members:
• Michael Buehrer (Virginia Tech)
• Andrea Conti (University of Ferrara)
• Santiago Mazuelas (Qualcomm Inc.)
• Yuan Shen (Tsinghua University)
• Moe Win (MIT)
Workshop endorsed by RCC

ICC Workshop on Advances in Network Localization and Navigation (ANLN)

Upcoming events:
• 6th Workshop on ANLN – IEEE ICC 2018
• 24 May 2018, Kansas City, MO, USA
• Website: http://rc.committees.comsoc.org/workshops
• Workshop Co-Chairs:
  • Yuan Shen (Tsinghua University, China)
  • Stefania Bartoletti (Univ. of Ferrara, Italy, and MIT, USA)
  • Santiago Mazuelas (Qualcomm Inc., USA)
  • Nicolò Decarli (University of Bologna, Italy)
  • Florian Meyer (MIT, USA)
New Business Items

Update of RCC P&P

Radio Communications Committee (RCC)
IEEE Communication Society Technical Committee
Policies and Procedures (P&P)

(Version 9, RCC meeting held in Kansas City, USA, May 23, ICC 2018)

1) Membership Requirements
Anybody can be a member of the Radio Communications Committee (RCC, it is noted that in the text followed we shall use TC in short to represent the RCC). To become a member it is necessary to subscribe to the TC mailing list as specified on the TC Web page. 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 or has provided significant service to the TC defined as follows: served as past Officer of the TC; served as TC representative for IEEE Communications Society’s flagship conferences (ICC and Globecom); and have been recipient of this TC award. The TC Secretary shall maintain both an attendance list for each of such meetings and a list of Active Members. All meetings of the TC are open.

3) Nomination and Election Policies and Procedures
Voting: TC elections shall be administered by the TC Chair, or in his/her absence, any other elected officer. To vote, one must be an Active Member of the TC and must be present at the TC meeting. In 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 who is running the election shall cast a tie-breaking vote. Voting will be conducted through a simple show of hands unless a secrete ballot is requested. 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.
New Business Items

Soliciting nominations for the 2018 Technical Recognition Award (Aug. 15)

Past recipients:

2017 - Fumiyuki Adachi
2017 - Gordon L. Stüber
2016 - William C. Lindsey
2015 - Larry Greenstein
2014 - Vincent Poor
2013 - Lajos Hanzo

2012 - Desmond Taylor
2011 - Norman Beaulieu
2010 - Marco Chiani
2009 - Jack Winters
2008 - Moe Win
2007 - Robert A. Scholtz
The Radio Communications Committee (RCC) Outstanding Service Award is established to recognize members of the RCC who have a distinguished record of service to the RCC community, including organization of RCC endorsed symposia and workshops, providing exceptional leadership within the RCC, and promotion of RCC activities and interests in the broader research community.
Conferment of

2018 IEEE ComSoc RCC Outstanding Service Award

Prof. Norman Beaulieu
2018 OUTSTANDING SERVICE AWARD

Is Presented To

NORMAN BEAULIEU

FOR OUTSTANDING SERVICE TO THE RADIO COMMUNICATIONS COMMITTEE

KHALED B. LETAIIF
President
IEEE Communications Society

ANDREA GIORGETTI
Chair
Radio Communications Technical Committee
2018 IEEE ComSoc RCC Early Achievement Award

The Radio Communications Committee (RCC) Early Achievement Award aims to promote radio communications research and development activities in both the academic and industrial community. This award is established as part of the RCC activities in which research and development takes place in areas related to radio communications. The award recognizes members of the IEEE Communications Society (ComSoc) who have achieved early career visibility in the field through research and service to the RCC.
Conferment of

2018 IEEE ComSoc RCC Early Achievement Award

Walid Saad
For contributions to fundamental results in radio communications, wireless resource allocation and cooperative communications

Santiago Mazuelas
For contributions to theoretical and algorithmic research in radio localization
IEEE Communications Society
Radio Communications Technical Committee

2018 EARLY ACHIEVEMENT AWARD

Presented to

WALID SAAD

For contributions to fundamental results in radio communications, wireless resource allocation and cooperative communications

KHALED B. LETAIFE
President 2018-2019

ANDREA GIORGETTI
Chair
Radio Communications Technical Committee
IEEE Communications Society
Radio Communications Technical Committee

2018 Early Achievement Award

Presented to

Santiago Mazuelas

For contributions to theoretical and algorithmic research in radio localization

Khaled B. Letaief
President 2018-2019

Andrea Giorgetti
Chair
Radio Communications Technical Committee
RCC Invited Talk

Unmanned Aerial Vehicles for Wireless Networking: An Overview

Dr. Walid Saad
RCC Invited Talk

Probabilistic Processing of Complex Data

Dr. Santiago Mazuelas
New Business Items

Soliciting nominees for Technical Program Committee activities

Join the RCC discussion group at
http://community.comsoc.org/groups/tc-radio-communications

Join the RCC mailing list: rcc@comsoc.org (currently 1000+ members)

AOB?
Next RCC Meeting

The next RCC meeting will be scheduled in GC 2018, Abu Dhabi, United Arab Emirates

THANK YOU AND
SEE YOU THEN!
Officers Contacts

Chair: Andrea Giorgetti
University of Bologna, Italy
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E-mail: andrea.giorgetti@unibo.it

Vice-Chair: Yuan Shen
Tsinghua University, China
http://oa.ee.tsinghua.edu.cn/~shenyuan/
E-mail: shenyuan_ee@tsinghua.edu.cn

Secretary: Jemin Lee
Daegu Gyeongbuk Institute of Science and Technology, Korea
https://sites.google.com/site/jeminleeweb/
E-mail: jmnlee@dgist.ac.kr

RCC Website:
http://rc.committees.comsoc.org