

# IEEE Communications Society (ComSoc) Ad Hoc & Sensor Networks Technical Committee (AHSN TC)

AHSN TC Meeting at IEEE ICC 2015, London, UK

Chair: Nei Kato

Vice Chair: Jalel Ben-Othman

Secretary: Cheng Li

**Tuesday June 9<sup>th</sup>, 2015**

**7:00 AM - 8:30 AM**

**London Suites 2&3, Level 0, Excel Convention Center**

# Meeting Agenda

- Welcome and introduction
- Approval of the agenda
- Approval of the minutes of the ICC'14 AHSN TC meeting
- Business arising from the minutes
- AHSN TC 2014 technical contribution award
- AHSN TC newsletters
- Update on AHSN TC activities on conferences/symposia
- Other business
- Next AHSN TC meeting
- Meeting adjourn

# The AHSN Technical Committee 2014 Technical Recognition Award

**The AHSN TC Technical Recognition Award aims to**

*promote ad hoc and sensor networks research and development activities in both academic and industrial communities.*

**This award is established as part of the AHSN TC activities in which R&D takes place in areas related to ad hoc and sensor networks. The award recognizes members of the IEEE Communications Society (ComSoc) who have made significant contributions to technological advancement of ad hoc and sensor networks.**



# **The AHSN Technical Committee**

## **2014 Technical Recognition Award**

- **The AHSN TC Technical Recognition Award will be given in each calendar year. If no suitable candidate is proposed in a given year, the award will not be presented for that year. The award will be announced and conferred during the IEEE Global Communications (GLOBECOM) conference.**
- **Nominations are solicited by e-mail from the AHSN TC members. All nominations must be sent to the AHSN Award Selection Committee in PDF or text format by July 15 of the year in which the award is to be given.**
- **The nominations should include a concise description of the candidate's contributions to the technological advancement of ad hoc and sensor networks and any supporting materials showing that the candidate has met the award eligibility criteria.**

# **The AHSN Technical Committee 2014 Technical Recognition Award**

## **2014 Technical Recognition Award Selection Committee**

**Dr. Azzedine Boukerche (Chair)**

**(University of Ottawa, past TC chair)**

**Dr. Nei Kato**

**(Tohoku University, current TC chair)**

**Dr. Hossam Hassanein**

**(Queens University, past TC chair)**

**Dr. Nirwan Ansari**

**(NJIT, past TC chair)**

**Dr. Ian F. Akyildiz**

**(Georgia Institute of Technology, Past Award Recipient)**

# 2014 AHSN TC Technical Recognition Award

**Prof. Hussein Mouftah**  
**University of Ottawa**

**For outstanding Contribution to the Field of Wireless Ad Hoc and  
Sensor Networks Design and Applications**





# TC Newsletter Update

- TC Newsletter Update
  - Dr. Sidi-Mohammed Senouci, France
  - Yacine Ghamri-Doudane, University of La Rochelle, France
- 2014 Newsletter Article
  - Title: The EU IoT-A Project – Toward a Common Language for the Internet of Things
  - Authors: Michele Rossi, Alessandro Bassi, Francois Carrez, and Michele Zorzi
- Link to past newsletter
  - [http://pageperso.univ-lr.fr/yacine.ghamri/AHSNTC\\_NL/](http://pageperso.univ-lr.fr/yacine.ghamri/AHSNTC_NL/)

# TC Newsletter Editorial Board

- Editor-in Chief
  - Yacine Ghamri-Doudane, University of La Rochelle, France
- Co-Editor-in Chief
  - Sidi-Mohammed Senouci, University of Burgundy, France
- Co-Editors
  - Mohamed Fathy Feteiha, Queen's University, Canada
  - Burak Kantarci, University of Ottawa, Canada
  - Damla Turgut, University of Central Florida, U.S.A.



# TC Activities on Conferences/Symposia

- GC/ICC Technical Symposia that AHSN TC Sponsors
  - Ah Hoc and Sensor Networks Symposium
  - Mobile and Wireless Networking Symposium
  - Wireless Communications Symposium
  - Cognitive Radio and Networks Symposium
  - Next Generation Networking Symposium
- GC' 14, Austin, Texas, USA, December 2014
- ICC' 15, London, UK, June 2015
- GC' 15, San Diego, CA, USA, December 2015

# GC'2014, Austin, Texas, USA

- ◆ **General Chair**

- ◆ John Donovan, AT&T

- ◆ **Technical Program Co-Chairs**

- ◆ Ted Rappaport, NYU Polytech

- ◆ Robert Heath

- ◆ **Technical Program Vice Chair**

- ◆ Shuguang Cui, Texas A&M, USA

- ◆ Sonia Aissa, Univ. de Montreal, Canada

- ◆ **Time and Venue**

- ◆ December 8 – 12, 2014, Austin, Texas, USA

# Ad Hoc and Sensor Networks Symposium GC'2014, Austin, Texas, USA

## ◆ Co-Chairs

- Jalel Ben-Othman , Univ. of Paris 13, France
- Yingying Chen, Stevens Institute of technology, USA
- Rahul Vaze, Tata Institute of Fund & Research, India

## ◆ Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Wireless Communications (WC)
- **Technical Committee on Information Infrastructure (TCII)**

## ▪ Statistics

- paper submissions: 228
- TPC members: 310
- Accepted papers: ~40%



# Wireless Networking Symposium GC'2014, Austin, Texas, USA

## ◆ Co-Chairs

- Shiwen Mao, Auburn Univ. USA
- M. Atiquzzaman, Univ. of Oklahoma, USA
- Phone Lin, National Tawain Univ. Tawain
- Damla Turgut, Univ. of Central Florida, USA

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- + others

## ▪ Statistics

- Number of submissions: 299
- Number of TPC members: 417
- Number of accepted papers: 120
- Acceptance rate: 40.13%

# Cognitive Radio and Networks Symposium GC'2014, Austin, Texas, USA

## ◆ Co-Chairs

- ◆ Ahmed Kamel, Iowa State University, USA
- ◆ Alberto Rabbachin, MIT, USA
- ◆ Haojin Zhu, Shanghai Jiao Tong Univ., China

## • Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

## ■ Statistics

- Number of submissions: 131
- Number of accepted papers: 188
- Acceptance rate: ~41%

# Wireless Communications Symposium GC'2014, Austin, Texas, USA

## ◆ Co-Chairs

- ◆ Huaiyu Dai, North Carolina State University, USA
- ◆ Luc Deniere, Univ. of Nice, France
- ◆ Hlaing Minn, UTDallas, USA
- ◆ Santiago Mazuelas, MIT, USA
- ◆ Daniele Tarchi, Univ. of Bologna, Italy
- ◆ Zhaoyang Zhang, Zheijiang Univ. China

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Plus Others

## ■ Statistics

- Number of submissions: 391
- Number of TPC members: 352
- Number of accepted papers: ~150
- Acceptance rate: ~41%



# Next Generation Networking Symposium GC'2014, Austin, Texas, USA

## ◆ Co-Chairs

- ◆ Lawrence Yeung, City Univ. of Hong Kong, China
- ◆ Yevgeni Koucheryavy, Tampere Univ. of Tech, Finland
- ◆ Richard Pazzi, UOIT, Canada

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

## ■ Statistics

- Acceptance rate: ~40%

# ICC'2015, London, UK

## ◆ General Chair

- ◆ Olaf Swantee, EE, UK

## ◆ Technical Program Co-Chairs

- ◆ Nathan Gomes, University of Kent, UK
- ◆ Athanassios Manikas, Imperial College London, UK

## ◆ Technical Program Vice Chair

- ◆ Zhensheng Zhang, SDRC, USA

## ◆ Time and Venue

- ◆ June 8 – 12, 2015, London, UK

# Ad Hoc and Sensor Networks Symposium ICC'2015, London, UK

## ◆ Co-Chairs

- Xinming Huang, Worcester Polytechnic Inst. USA
- Lynda Mokdad, University of Paris 12, France
- Yang Yang, Shanghai Wireless Research Centre, China
- David Parish, Loughborough University, UK

## ◆ Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Wireless Communications (WC)
- Technical Committee on Information Infrastructure (TCII)

## ▪ Statistics

- Number of submissions: 292
- Number of TPC members: ???
- Number of accepted papers: TBD
- Acceptance rate: TBD



# Mobile and Wireless Networking Symposium ICC'2015, London, UK

## ◆ Co-Chairs

- Rose Hu, Utah State University, USA
- Bruno Clerckx, Imperial College London, UK
- Honggang Wang, University of Mass. USA
- Jun Zheng, Southeast University, China

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- + others

## ▪ Statistics

- Number of submissions: 376
- Number of TPC members: 380
- Number of accepted papers: TBD
- Acceptance rate: TBD

# Cognitive Radio and Networks Symposium ICC'2015, London, UK

## ◆ Co-Chairs

- ◆ Alex Wyglinski, Worcester Polytechnic Institute, USA
- ◆ Hiroki Nishiyama, Tohoku University
- ◆ Feifei Gao, Tsinghua University, China

## • Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

## ■ Statistics

- Number of submissions: 156
- Number of TPC members: 200
- Number of accepted papers: TBD
- Acceptance rate: TBD

# Wireless Communications Symposium ICC'2015, London, UK

## ◆ Co-Chairs

- ◆ Lin Dai, City University of Hong Kong, China
- ◆ Xiaoli Chu, University of Sheffield, UK
- ◆ Santiago Mazuelas, MIT, USA
- ◆ Dongming Wang, Southeast University, China
- ◆ Atilio Gameiro, Instituto de Telecomunicacoes, Portugal

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Plus Others

## ■ Statistics

- Number of submissions: 682
- Number of TPC members: 634
- Number of accepted papers: TBD
- Acceptance rate: TBD



# Next Generation Networking Symposium ICC'2015, London, UK

## ◆ Co-Chairs

- ◆ Shiwen Mao, Auburn University, USA
- ◆ Ying-Dar Lin, National Chiao Tung University, Taiwan
- ◆ Zhili Sun, University of Surrey, UK

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

## ■ Statistics

- Number of submissions: 251
- Number of TPC members: 200
- Number of accepted papers: TBD
- Acceptance rate: TBD



# GC'2015, San Diego, CA, USA

## ◆ General Chair

- Ed Tiedemann, Qualcomm

## ◆ Technical Program Chair

- Ramesh Rao, UCSD

## ◆ Technical Program Vice Chair

- Mahasweta, SDSU
- Min Song, University of Toledo

## ◆ Time and Venue

- December 6 – 10, 2015, San Diego, CA, USA

# Ad Hoc and Sensor Networks Symposium GC'2015, San Diego, CA, USA

## ◆ Co-Chairs

- Hossam Hassanein (Queens Univ, Canada)
- Periklis Chatzimisios (Alexander Tech Ed Inst of Thessaloniki, Greece)
- Song Guo (Aizu University, Japan)
- Kun Yang (Univ of Essex, UK)

## ◆ Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Wireless Communications (WC)
- Technical Committee on Information Infrastructure (TCII)

## ▪ Statistics

- paper submissions: TBD
- TPC members: TBD
- Accepted papers: TBD

# Wireless Networking Symposium GC'2015, San Diego, CA, USA

## ◆ Co-Chairs

- Chonggang Wang (InterDigital)
- Weixiao Meng (Harbin Institute of Tech, China)
- Soumaya Cherkaoui (Univ. of Sherbrooke, Canada)
- Ty Znati (Univ of Pittsburgh)

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- + others

## ▪ Statistics

- paper submissions: TBD
- TPC members: TBD
- Accepted papers: TBD

# Cognitive Wireless Networks Symposium GC'2015, San Diego, CA, USA

## ◆ Co-Chairs

- ◆ Sudharman Jayaweera (Univ of New Mexico)
- ◆ Norman C. Beaulieu (Univ of Alberta)
- ◆ ChunSheng Xin (Old Dominion Univ)

## • Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

## ■ Statistics

- paper submissions: TBD
- TPC members: TBD
- Accepted papers: TBD



# Wireless Communications Symposium GC'2015, San Diego, CA, USA

## ◆ Co-Chairs

- ◆ Matthew Valenti (West Virginia Univ)
- ◆ Jingxian Wu (Univ of Arkansas)
- ◆ Watcharapan Suwansantisuk (King Mongkut Univ of Tech, Thonburi)
- ◆ Hongyi Wu (University of Louisiana at Lafayette)
- ◆ Huiling Zhu (Univ of Kent, UK)

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Plus Others

## ■ Statistics

- paper submissions: TBD
- TPC members: TBD
- Accepted papers: TBD

# Next Generation Networking Symposium GC'2015, San Diego, CA, USA

## ◆ Co-Chairs

- ◆ Andrea Bianco (Politecnico Di Torino, Italy)
- ◆ Pavan Nuggehalli (Broadcomm)

## ◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

## ■ Statistics

- paper submissions: TBD
- TPC members: TBD
- Accepted papers: TBD

# Future GC and ICC Conferences

- ICC'16, Kuala Lumpur, Malaysia, June 2016
  - Technical Program Co-Chairs
    - Stefano Bregni, Politecnico di Milano, Italy
    - Nelson Fonseca, State University of Campinas, Brazil
  - Technical Program Vice-Chair (Symposia Chair)
    - Jiang Linda Xie, University of North Carolina at Charlotte, USA
  - Symposium Chair Recommendation from the AHSN TC
    - Adhoc and Sensor Networking Symposium  
Prof. Cheng Li, Memorial University of Newfoundland, Canada
    - Next Generation Networking Symposium  
Prof. Pascal Lorenz, University of Haute-Alsace, France
    - Mobile and Wireless Networking  
Prof. Jalel BEN-OTHTMAN, University of Paris 13, France
    - Wireless Communications Symposium  
Prof. Hossam Hassanein, Queen's University, Canada
    - Cognitive Radio and Networks  
Prof. Lingyang song, Peking University, China



# Future GC and ICC Conferences

- GC' 16, Washington DC, USA, December 4-9, 2016
  - Technical Program Chair
    - Dr. Sherman Shen, University of Waterloo, Canada
  - Technical Program Co-Chairs
    - Sennur Ulukus
    - Maite Brandt-Pearce
  - Symposium Chair Recommendation from the AHSN TC
    - Adhoc and Sensor Networking Symposium  
Prof. Cheng Li, Memorial University of Newfoundland, Canada
    - Next Generation Networking Symposium  
Prof. Pascal Lorenz, University of Haute-Alsace, France
    - Mobile and Wireless Networking  
Prof. Jalel BEN-OTHTMAN, University of Paris 13, France
    - Wireless Communications Symposium  
Prof. Hossam Hassanein, Queen's University, Canada
    - Cognitive Radio and Networks  
Prof. Lingyang song, Peking University, China



# IEEE Wireless Communications and Networking Conference (WCNC'2015)

## ◆ General Chair

- ◆ Jose Roberto B. de Marca, Pontifical Catholic University of Riode Janeiro, Brazil

## ◆ Technical Program Chair

- ◆ Nirwan Ansari, NJIT, USA

## ◆ Technical Program Vice-Chair

- ◆ Edit Kaminsky Bourgeois, University of New Orleans, USA

## ◆ Time and Venue

- ◆ Time: March 9 – 12, 2015
- ◆ Venue: New Orleans, LA, USA

# IEEE Wireless Communications and Networking Conference (WCNC'2015)

## ◆ Conference Details

- ◆ Total paper submissions: 855
- ◆ 335 papers as oral presentations
- ◆ 50 papers as posters

## ◆ Statistics

- ◆ Track 1 (PHY):  $130/291=44.67\%$
- ◆ Track 2 (MAC):  $80/176=45.45\%$
- ◆ Track 3 (MWN):  $145/317=45.74\%$
- ◆ Track 4 (SAB):  $30/71=42.25\%$
- ◆ Overall Acceptance Rate:  $385/855 = 45.03\%$

# IEEE International Conference on Sensing, Comunicación, and Networking (SECON'2015)

## ◆ General Chair

- ◆ Suresh Singh, Portland State University, [singh@cs.pdx.edu](mailto:singh@cs.pdx.edu)

## ◆ TPC Co-Chairs

- ◆ Sharad Agarwal, Microsoft Research, [Sharad.Agarwal@microsoft.com](mailto:Sharad.Agarwal@microsoft.com)
- ◆ Song Chong, KAIST, [songchong@kaist.edu](mailto:songchong@kaist.edu)

## ◆ Technical Program Vice Chair for Information Systems

- ◆ Kyunghan Lee, UNIST, [khlee@unist.ac.kr](mailto:khlee@unist.ac.kr)

## ◆ Time and Venue

- ◆ Time: June 2015
- ◆ Venue: Seattle, USA

# Other Businesses

- 2015 AHSN TC Outstanding Service Recognition Award
- Future GC/ICC Technical Program Committee Activities
- IEEE Fellow / Senior Member Promotion



# Next AHSN TC Meeting

- Next AHSN TC meeting at ICC'15, London, UK June 2015.
- See you then.

Thank You!

# Officer Contact Information

## Chair

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## Vice Chair

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## Secretary

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