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 9th, 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 GC'14 AHSN TC meeting
- Business arising from the minutes
- ASHN TC 2015 outstanding service recognition award
- AHSN TC newsletters
- Standard Liaison Report
- Update on AHSN TC activities on conferences/symposia
- Other business
- Next AHSN TC meeting
- Meeting adjourn

The AHSN Technical Committee (TC) Outstanding Service and Leadership Recognition Award

The AHSN TC Outstanding Service and Leadership Recognition Award aims to recognize members of the AHSN TC who have demonstrated significant contributions to promote the AHSN TC activities and achieved an outstanding record of service to the community.

Outstanding Service Recognition Award Selection Committee:

- (**Chair**) Dr. Nei Kato, Tohoku University, current TC Chair
- Dr. Ansari Nirwan, NJIT, Past TC Chair
- Dr. Jalel Ben-Othman, University of Paris 13, TC Vice Chair
- Dr. Cheng Li, Memorial University, TC Secretary

The IEEE Communications Society
Ad Hoc and Sensor Networks (AHSN)
Technical Committee

Outstanding Service Recognition Award

Presented to

Dr. Azzedine Boukerche
University of Ottawa, Canada

For outstanding achievements, exemplary leadership and dedicated services to the vehicular ad hoc and sensor networking research community

TC Newsletter Update

- TC Newsletter Update
  - Dr. Sidi-Mohammed Senouci, France
  - Yacine Ghamri-Doudane, University of La Rochelle, France
- Aim to have two issues per year from 2015
- 2015 Newsletter Article (ICC'15)
  - Title: Operator Controlled Device-to-Device Neighborhood Area Networks: The NSFC D2D-NAN Project
  - Authors: Dr. Lingyang Song, School of Electrical Engineering and Computer Science, Peking University, Beijing, China:
- Next 2015 Newsletter Article (GC'15)
  - From SM. Senouci about the European Project CarCoDe
- Link to different issues of the newsletter to be moved to the TC web portal
  - 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.

Standards Liaison Report

R. Venkatesha Prasad

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http://homepage.tudelft.nl/w5p50

Some Activities

- AHNTC is one of the most active TCs in IEEE ComSoc Standards Development (SDB) Board.

- AHSNTC liaison is also member of SPDB.

- AHNTC liaison provides comments and suggestions on various activities including the commission of new standards projects.

- Liaison participates in the discussions regarding new PARs and standards that interesting to AHSNTC.

- AHNTC has been a vocal proponent for involving TCs actively in IEEE SDB/SPDB.

- AHNTC presence in IEEE SPDB has a long lasting impact on future communication technologies.

Important Related Activities

ComSoc Rapid Reaction Standardization-5G	ComSoc Group - 5G Standardization Activities. By invitation of Standards Activities Council
Research Group of IoT Services	RG Chair-Yacine Ghamri-Doudane. Membership: IoT Services RG, CSPDB, ComSoc SA Council, Supporting Staff.
Research Group on IoT Architectures	RG Chair-JaeSeung Song. Membership: IoT Architectures RG, CSPDB, ComSoc SA Council, Supporting Staff.
Research Group on IoT Communications and Networking Infrastructure	RG Chair-Stefano Giordano. Membership: IoT Communications and Networking Infrastructure RG, CSPDB, ComSoc SA Council, Supporting Staff.

Important Related Activities (Cont'd)

Research Group on SDN/NFV - Structured Abstractions

CSPDB Research Group on SDN/NFV - Structured Abstractions, Chair Ken Kerpez

RG on Software Defined and Virtualized Wireless Access

Standardization Research Group on Software Defined and Virtualized Wireless Access

Please join these groups on:
http://community.comsoc.org/groups

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
- ICC'15, London, UK, June 2015
- GC'15, San Diego, CA, USA, December 2015
- ICC'16, Kuala Lumpur, Malaysia, June 2016
- GC'16, Washington DC, USA, December 4-6, 2016
- ICC'17, Paris, France, June 2017
- WCNC'16, Doha, Qatar, April 3-6, 2016

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: 293
- Number of TPC members: 373
- Number of accepted papers: 95
- Acceptance rate: 32.4%

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: 377
- Number of TPC members: 380
- Number of accepted papers: 175
- Acceptance rate: 46.42%

- Number of sessions: 30

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: 204
  - Number of accepted papers: 48
  - Acceptance rate: 30.8%

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: 253
  - Acceptance rate: 37%

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: 96
  - Acceptance rate: 38%
  - Number of sessions: 16

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: 240
  - TPC members: 255
  - 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: 309
- TPC members: 563
- 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: 143

  • TPC members: 96

  • 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: 473
  - TPC members: 415
  - Accepted papers: TBD

Next Generation Networks Symposium GC'2015, San Diego, CA, USA

◆ **Co-Chairs**

◆ Andrea Bianco, Politecnico Di Torino, Italy

◆ Pavan Nuggehalli, Media Tek

◆ **Sponsoring committees**

▪ Technical Committee on Wireless Communications (WC)

▪ Technical Committee on Ad Hoc and Sensor Networks (AHSN)

▪ Cognitive Radio Networks

▪ **Statistics**

• Number of submissions: 140

• Number of TPC members: 131

• Number of accepted papers: TBD

• Acceptance rate: TBD

ICC'2016, Kuala Lumpur, Malaysia

◆ **Executive Co-Chairs**

　◆ Hikmet Sari, Supelec, France

　◆ Borhanuddin Mohd Ali, Universiti Putra Malaysia

◆ **Technical Program Co-Chairs**

　◆ Stefano Bregni, Politecnico di Milano, Italy

　◆ Nelson Fonseca, State University of Campinas, Brazil

◆ **Technical Program Vice Chair**

　◆ Jiang Linda Xie, University of North Carolina at Charlotte, USA

◆ **Time and Venue**

　◆ June 2016, Kuala Lumpur, Malaysia

Ad Hoc and Sensor Networks Symposium ICC'2016, Kuala Lumpur, Malaysia

- ◆ **Co-Chairs**
  - ▪ Abdelhakim Hafid, University of Montreal, Canada
  - ▪ **Cheng Li, Memorial University of Newfoundland, Canada**
  - ▪ **Pascal Lorenz, University of Haute-Alsace, France**
- ◆ **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

Mobile and Wireless Networking Symposium ICC'2016, Kuala Lumpur, Malaysia

- **Co-Chairs**
  - Adlen Ksentini, University of Rennes, France
  - Mohammed Atiquzzaman, University of Oklahoma, USA
  - **Jalel Ben-Othman, University of Paris 13, France**
- **Sponsoring committees**
  - Technical Committee on Wireless Communications (WC)
  - Technical Committee on Ad Hoc and Sensor Networks (AHSN)
  - + others
- **Statistics**
  - Number of submissions: TBD
  - Number of TPC members: TBD
  - Number of accepted papers: TBD
  - Acceptance rate: TBD

Cognitive Radio and Networks Symposium ICC'2016, Kuala Lumpur, Malaysia

- **Co-Chairs**
  - Norman C. Beaulieu, University of Alberta, Canada
  - **Lingyang Song, Peking 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: TBD
  - Number of accepted papers: TBD
  - Acceptance rate: TBD

Wireless Communications Symposium ICC'2016, Kuala Lumpur, Malaysia

- **Co-Chairs**
  - Xiaohu Ge, Huazong University of Science and Technology, China
  - Dimitrie Popescu, Old Dominion University, USA
  - **Hossam Hassanein, Queen's University, Canada**
  - Rui Zhang, National University of Singapore
- **Sponsoring committees**
  - Technical Committee on Wireless Communications (WC)
  - Technical Committee on Ad Hoc and Sensor Networks (AHSN)
  - Plus Others
- **Statistics**
  - Number of submissions: T BD
  - Number of TPC members: TBD
  - Number of accepted papers: TBD
  - Acceptance rate: TBD

Next Generation Networking Symposium ICC'2016, Kuala Lumpur, Malaysia

- **Co-Chairs**
  - Rami Langar, University of Paris 6, France
  - **Shiwen Mao, Auburn University, USA**
  - Abdelhamid Mellouk, University of Paris-Est, France
- **Sponsoring committees**
  - Technical Committee on Wireless Communications (WC)
  - Technical Committee on Ad Hoc and Sensor Networks (AHSN)
  - Cognitive Radio Networks
- **Statistics**
  - Acceptance rate: TBD

GC'2016, Washington DC, USA

◆ **Executive Co-Chair**

  ◆ Paul Cotae, Professor of Electrical and Computer Engineering at the University of the District of Columbia.

◆ **Executive Co-Chair**

  ◆ Jerry Gibbon

◆ **Technical Program Co-Chairs**

  ◆ TBD

◆ **Time and Venue**

  ◆ December 4-6, 2016, Hilton Conference Centre, Washington DC, USA

GC'16, Washington DC, USA, December 2016

- **Executive Chair**
  - Paul Cotae, Professor of Electrical and Computer Engineering at the University of the District of Columbia.
- **Executive Co-Chair**
  - Jerry Gibbon
- **Technical Program Chair**
  - Dr. Sherman Shen, University of Waterloo, Canada
- **Technical Program Co-chairs**
  - Sennur Ulukus
  - Maite Brandt-Pearce
- **Time and Venue**
  - December 4-9, 2016, Hilton Conference Centre, Washington DC, USA

GC'16, Washington DC, USA, December 2016

- GC'16, Washington DC, USA, December 4-9, 2016

  – 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-OTHMAN, 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'2016)

- **General Chair**
  - Mazen Hasna, Qatar University, Qatar
  - Mark Weichold, Texas A&M University at Qatar
- **Technical Program Chair**
  - Mohamed-Slim Alouini, KAUST, Saudi Arabia
  - Robert Schober, Friedrich-Alexander University of Erlangen-Nuremberg, Germany
- **Time and Venue**
  - Time: April 3 – 6, 2016
  - Venue: Doha, Qatar

IEEE Wireless Communications and Networking Conference (WCNC'2016)

- **PHY Track**
  - **Chair:**
    Zaher Dawy, American University of Beirut
  - **Co-Chairs**

    Meixia Tao, Shanghai Jiao Tong University, China
    Xiaodai Dong, University of Victoria, Canada
    George Karagiannidis, Aristotle University of Thessaloniki, Greece

- **MACTrack**
  - **Chair:**
    Ekram Hossain, University of Manitoba, Canada
  - **Co-Chairs**

    Dusit Niytao, Nanyang Technological University, Singapore
    Walid Saad, Virginia Tech, USA
    Long Le, INRS, University of Quebec, Canada

IEEE Wireless Communications and Networking Conference (WCNC'2016)

- **Network Track**
  - **Chair:**
    Marwan Krunz, University of Arizona, USA
  - **Co-Chairs**
    Chadi Assi, Concordia University, Canada
    Michele Zorzi, University of Padova, Italy
    Sunghyun Choi, Seoul National University, South Korea
- **Application Track**
  - **Chair:**
    Hossam Hassanein, Queen's University, Canada
  - **Co-Chairs**
    Cheng Li, Memorial University of Newfoundland, Canada
    Tarik Taleb, NEC Europe Ltd, Germany
    Fathi Filali, QMIC Research Center, Qatar

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

- **General Chair**
  - Suresh Singh, Portland State University, singh@cs.pdx.edu
- **TPC Co-Chairs**
  - Sharad Agarwal, Microsoft Research, Sharad.Agarwal@microsoft.com
  - Song Chong, KAIST, songchong@kaist.edu
- **Technical Program Vice Chair for Information Systems**
  - Kyunghan Lee, UNIST, khlee@unist.ac.kr
- **Time and Venue**
  - Time: June 2015
  - Venue: Seattle, USA

Other Businesses

- 2015 AHSN TC Technical Recognition Award (July 15)

- AHSN TC Officer Election

- Future GC/ICC Technical Program Committee Activities

- IEEE Distinguished Lecturers (DLT)

- IEEE Fellow / Senior Member Promotion

Next AHSN TC Meeting

- Next AHSN TC meeting at GC'15, San Diego, CA, USA, December 2015.
- See you then.

Thank You!

Officer Contact Information

Chair

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