

Minutes of the AHSN TC Meeting

Time: Tuesday, May 21th, 2019, 7:30 - 9:00 AM

Location: Dalian – River Wing Level 2

Shangri La Hotel, Shanghai, China

AHSN TC Officers:

Chair: Cheng Li

Vice Chair: Soumaya Cherkaoui

Secretary: Jiajia Liu

Past Chair: Jalel Ben Othman

Number of Attendees: 43 people

The meeting started at 7:35 am and was adjourned at 8:42 am.

- **Welcome message and introduction**

Dr. Cheng Li welcomed the attendees of the AHSN TC meeting. A total of 43 attendees were present at the meeting.

- **Approval of the meeting agenda**

Dr. Cheng Li Meeting agenda got approved by the meeting attendees unanimously.

- **Approval of the minutes of the GC'18 AHSN TC meeting**

Motion to approve agenda and meeting minutes moved by Dr. Cheng Li. Motion passed unanimously.

- **Chair report**

- Dr. Cheng Li told that our TC should get recertification this year and encouraged TC members to return some input for the activities you were involved, like some editorial activities, and some conferences organized related to our TC work.
- Dr. Cheng Li reported some changes on TC membership, and TC members should fill in a form with IEEE member number required. Members in the mailing list have been imported to the database, and everyone can check from the TC website. If you find that your name is not there, you can contact our TC and we will help you fill your information into the form.
- Two TC technical awards for our TC: outstanding service award and technical achievement award. ComSoc awards will have a full detailed procedure and policy for each award. The awards from different TCs will be consistent.
- Two types of TC membership: active members; guest members for non-ComSoc members.
- Some discussions on merging IoT with Ad-hoc and sensor networks into IoT and Sensing Networks Symposium (from ICC 2021 if changed); regrade our TC name how to merge one ETI into an existing TC: Sharief Oteafy (IoT and Ad-hoc Networks) Azzedine (IoT and AHSN) Hsiao-Hwa Chen (different thinking: should be open and compete). Finally, the name of our merged TC was determined as IoT and AHSN.

- **TC Newsletter Update**

- Encourage TC members to get involved and contribute more to our TC newsletters.
- The newsletter article this year is contributed by Esubalew Alemneh and Sidi Mohammed Senouci from University of Burgundy, France, ensuring safety using smartphones and fog computing.
- The current newsletter homepage is under the TC webpage, and the most recent article can be downloaded at this link: <http://ahsn.committees.comsoc.org/newsletter/>.
- The TC Newsletter Editorial Board is comprised of the following TC members:
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**

- Dr. Sharief Oteafy, the AHSN liaison to the IEEE Standards Association board, presented his report on liaison activities. He noted attending IEEE SA meetings, and relayed their interest and encouragement for TCs to contribute to the IEEE Communications Standards Magazine.
- Dr. Oteafy also explained his involvement in the IEEE Tactile Internet Standards working group, and the potential for AHSN integration in the developing standard.
- Current initiatives were presented, and they may be posted under “best readings on innovation” on the IEEE ComSoc portal. TC members were invited to contribute to the developing standard, and address potential collaborations with AHSN topics.

- **Reports on Activities:**

Symposium chair nomination changes again and allow TC to give more nominations. It's finally up to the TPC chair and GITC to give the final decisions of who will be selected. Our nominations are not guaranteed.

Dr. Cheng Li emphasizes the important activities of the AHSN TC, listed as follows:

- *ComSoc Rapid Reaction Standardization-5G*
ComSoc Group - 5G Standardization Activities.
By invitation of Standards Activities Council
- *Research Group (RG) of IoT Services*
RG Chair: Yacine Ghamri-Doudane.
Membership: IoT Services RG, CSPDB, ComSoc SA Council, Supporting Staff.
- *RG on IoT Infrastructures*
RG Chair: JaeSeung Song.
Membership: IoT Architectures RG, CSPDB, ComSoc SA Council, Supporting Staff.

- *RG on IoT Communications and Networking Infrastructure*
RG Chair: Stefano Giordano.
Membership: IoT Communications and Networking Infrastructure RG, CSPDB, ComSoc SA Council, Supporting Staff.
- *RG on SDN/NFV - Structured Abstractions*
CSPDB Research Group on SDN/NFV - Structured Abstractions,
RG Chair: Ken Kerpez
- *RG on Software Defined and Virtualized Wireless Access*
Standardization Research Group on Software Defined and Virtualized Wireless Access
- *Cloud Communications and Networking (new)*
Emerging Technical Subcommittee on Cloud Communications and Networking

- **Reports on Conferences**

Dr. Cheng Li explained the ICC/GC Symposium Co-Chair selection process discussed at the GITC meeting. The TCs recommend the candidates for their sponsored symposiums and the TPC chair makes the final decision on the co-chairs.

Dr. Cheng Li presented reports of the following TC activities on symposiums/conferences.

- **Sponsored Activities:**

ICC'2019, Shanghai, China, May 2019

Ad Hoc and Sensor Networks Symposium

Co-Chairs

- Hossam Hasanein, Queen's University, Canada
- Jiajia Liu, Xidian University, China
- Christos Douligeris, University of Piraeus, Greece

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: 167
- TPC members: 361
- Accepted papers: 64
- Acceptance rate: 38.3%

Wireless Networking Symposium

Co-Chairs

- Mianxiong Dong, Muroran Institute of Technology, Japan
- Ye Li, Nantong University, China
- Noriaki Kamiyama, Fukuoka University, Japan
- Wei Chen, Tsinghua University, China

Sponsoring committees

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

Statistics

- Paper submissions: 279
- TPC members: 215
- Accepted papers: 109
- Acceptance rate: 39.1%

Cognitive Radio and Networks Symposium

Co-Chairs

- Lingjie Duan, Singapore University of Technology and Design, Singapore
- Li Wang, Beijing University of Posts and Telecom, China

Sponsoring committees

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

Statistics

- Paper submissions: 55
- TPC members: 139
- Accepted papers: 20
- Acceptance rate: 36.4%

Wireless Communications Symposium

Co-Chairs

- Xu (Judy) Zhu, University of Liverpool, UK
- Harpreet Dhillon, Virginia Tech, USA
- Feifei Gao, Tsinghua University, China
- Julian Cheng, University of British Columbia, Canada
- Andreas Knopp, Universität der Bundeswehr München, Germany

Sponsoring committees

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

Statistics

- Paper submissions: 438
- TPC members: 486
- Accepted papers: 170
- Acceptance rate: 38.8%

Next Generation Networking Symposium

Co-Chairs

- Stefano Secci, UPMC Sorbonne, France
- Miao Zhao, Hong Kong Polytechnic University
- Rami Langar, UPEM, France

Sponsoring committees

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

Statistics

- Paper submissions: 231
- TPC members: 136
- Accepted papers: 90
- Acceptance rate: 39%

GC'2019, Hawaii, USA

Ad Hoc and Sensor Networks Symposium

Co-Chairs

- Shuai Han, Harbin Institute of Technology, China
- Maode Ma, Nanyang Technological University, Singapore
- Guanding Yu, Zhejiang University, China

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: 169
- TPC members: 361

Mobile and Wireless Networks Symposium

Co-Chairs

- Jun Zheng, Southeast University, China

- Qiang Li, Huazhong U. of Science and Technology, China
- Lin Bai, BUAA, China
- Chia-Han Lee, National Chiao Tung University, Taiwan

Sponsoring committees

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

Statistics

- Paper submissions: 275
- TPC members: 215

Cognitive Radio and AI-Enabled Networks Symposium

Co-Chairs

- Daniel Benevides da Costa, Federal University of Ceará, Brazil
- Faouzi Bader, CentraleSupélec campus of Rennes, France

Sponsoring committees

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

Statistics

- Paper submissions: 93
- TPC members: 139

Wireless Communications Symposium

Co-Chairs

- Chuan Huang, UESTC, China
- Vasanthan Raghavan, Qualcomm, USA
- Jie Xu, GDUT, China
- Cenk Gursoy, Syracuse University, USA
- Panagiotis Demestichas, University of Piraeus, Greece

Sponsoring committees

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

Statistics

- Paper submissions: 444
- TPC members: 486

Next-Generation Networking and Internet Symposium

Co-Chairs

- Laurent Ciavaglia, Nokia Bell Labs, France

- Luca Foschini, University of Bologna, Italy
- Alessio Botta, University of Naples, Italy

Sponsoring committees

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

Statistics

- Paper submissions: 191
- TPC members: 136

ICC'2020, Dublin, Ireland

Ad Hoc and Sensor Networks Symposium

Co-Chairs

- Rodolfo Coutinho, University of Ottawa, Canada
- Weixiao Meng, Harbin Institute of Technology, China
- Abdellatif Kobbane, University of Rabat, 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

- Not available yet

Wireless Networking Symposium

Co-Chairs

- Baoxian Zhang, University of Chinese Academy, China
- Marios Angelopoulos, Bornemouth University, UK
- Ismail Guvenc, North Carolina State University, USA
- Lin Gao, Harbin Institute of Technology, China

Sponsoring committees

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

Statistics

- Not available yet

Cognitive Radio and Networks Symposium

Co-Chairs

- Kai Yang, Tongji University, China
- Bruno Clercx, Imperial College, UK

Sponsoring committees

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

Statistics

- Not available yet

Wireless Communications Symposium

Co-Chairs

- Xiaoming Tao, Tsinghua University, China
- Xiangyun Zhou, Australian National University, Australia
- Changchuan Yin, BUPT, China
- Yuan Shen, Tsinghua University, China
- Paulo Cardieri, Unicamp, Brazil

Sponsoring committees

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

Statistics

- Not available yet

Next Generation Networking Symposium

Co-Chairs

- Nadjib Aitsaadi, University of Paris East, France
- Yusheng Ji, National Institute of Informatics, Japan
- Muhammad Ali Imran, University of Glasgow, UK

Sponsoring committees

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

Statistics

- Not available yet

For future ICC and GC conferences,

- GC'20 will be held in Taipei, December 2020
 - Technical Program Chair
 - To be announced

- Technical Program Co-Chairs
 - To be announced
- Symposium Chair Recommendation from the AHSN TC
 - Prof. Hyunbum Kim, University of North Carolina at Wilmington, USA
 - Prof. Abd-Elhamid Taha, Alfaisal University, Saudi Arabia
 - Prof. Vojislav Misic, Ryerson University, Canada
 - Prof. Dongmei Zhao, McMaster University, Canada

- **Other business**
 - 2019 AHSN Technical Committee Technical Achievement Recognition Award
 - AHSN TC Officer Election
 - Future GC/ICC Technical Program Committee Activities
 - IEEE Fellow / Senior Member Promotion

- **Next meeting**
 - Next AHSN TC meeting at GC'19, Hawaii, USA.

- **Meeting Adjourn**

The meeting was adjourned at 8:42 am.

Chair: Cheng Li

Vice Chair: Soumaya Cherkaoui

Secretary: Jiajia Liu