

Minutes of the AHSN TC minutes

Time: Monday, May 21st, 2018 – 7:30 AM – 8:40 AM

**Location: Pershing North - Ballroom Level,
Westin Hotel, Kansas City, MO, USA**

AHSN TC Officers:

Chair: Cheng Li

Vice Chair: Soumaya Cherkaoui

Secretary: Jijia Liu

Past Chair: Jalel Ben Othman

Number of Attendees: 50 people

The meeting started at 7:35 am and was adjourned at 8:40 am.

- **Welcome message and introduction**

Dr. Cheng Li welcomed the attendees of the AHSN TC meeting. A total of 50 attendees were present at the meeting.

- **Approval of the meeting agenda**

Meeting agenda got approved by the meeting attendees unanimously.

- **Approval of the minutes of the GC'17 AHSN TC meeting**

Minutes of the GC'17 AHSN TC meeting got approved by the meeting attendees unanimously.

- **Business arising from the minutes**

There was no business arising.

- **The ASHN TC 2018 outstanding service recognition award**

Dr. Cheng Li, the current TC chair, introduced the history, objectives, and the criteria and procedure of this award. Nomination has been solicited by e-mail from the AHSN TC members. Selection committee members are:

- **(Chair)** Cheng Li, Memorial University, TC Chair
- Dr. Nei Kato, Tohoku University, Past TC Chair
- Dr. Soumaya Cherkaoui, Sherbrooke University, TC Vice Chair
- Dr. Jijia Liu, Xidian University, TC Secretary

The recipient of this year's award is **Dr. Jalel Ben Othman, University of Paris 13, France** for outstanding achievements, exemplary leadership and dedicated services to the ad hoc and sensor networking research community. Dr. Cheng Li introduced the importance of this award and presented the award to Dr. Jalel Ben Othman. The attendees congratulated Dr. Ben Othman for winning this award.

- **The AHSN TC Newsletter Update**

- Dr. Yacine Ghamri-Doudane, Co-Editor-in-Chief of the AHSN TC Newsletter, provided an update of the newsletter activities. He noted that a new edition will be out soon, shortly after the meeting.
- This year’s newsletter is featured by an article contributed Dr. Sidi Mohammed Senouci and his group under the title of “Security Issues and Solutions in Smart Grid: FUSE-IT European Project use-case”. Co-authors of the newsletter article are Mohamed Attia (lead), Shohrer Avhar, Jen Rossey, Luc Lutin, and Isabel Praça
- There are currently two newsletters published every year, and the plan is to expand into four newsletters annually.
- The current newsletter homepage is under the TC webpage, which includes all past issues, at this link: <http://ahsn.committees.comsoc.org/newsletter/>
- Dr. Ghamri-Doudane invited meeting attendees to contribute their articles related to ad hoc, sensor, and mesh networks, articles can be in form of project introduction or a survey.
- 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. The attendees were invited to contribute to the developing standard, and address potential integration directions with AHSN topics.
- The attendees were invited to relay any questions or issues they would like to raise with the IEEE SA board, for Dr. Oteafy to relay them to their meetings. No questions or issues were raised at the time.

- **Reports on Activities**

Dr. Cheng Li introduced the AHSN TC and highlighted the activities that AHSN TC organized and participated in. Dr. Li emphasized that the AHSN TC is one of the most active TCs under the IEEE Communications Society (ComSoc) Standards Development Board (SDB), and that the AHSN TC liaison is also a member of the SPDB. Dr. Cheng Li emphasized that AHSN TC is a vocal proponent for involving TCs actively in

the IEEE SDB/SPDB, and that AHSN TC presence in IEEE SPDB has a long lasting impact on future communication technologies.

Dr. Cheng Li emphasize 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 Architectures*
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. Li noted that according to a new GITC policy, there will be a cap on the number of GC/ICC symposia a single member may co-chair, within a given time period. That is, no member may co-chair more than three symposiums over the past 5 GC/ICC conference window. Also, no one is allowed to chair back-to-back conferences (GC and ICC). Thus, the AHSN TC should factor this in future nominations.

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

• **Sponsored Activities:**

ICC'2018, Kansas City, MO, USA

Ad Hoc and Sensor Networks Symposium

Co-Chairs

- Soumaya Cherkaoui, University of Sherbrooke, Canada
- Bin Xiao, Hong Kong University, China
- Xianfu Lei, Southwest Jiaotong University, China
- T. Venkatesh, IIT-Guwahati, 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: 134
- TPC members: 361
- Accepted papers: 54
- Acceptance ratio:40.3%

Mobile and Wireless Networking Symposium

Co-Chairs

- Azzedine Boukerche, University of Ottawa, Canada
- Frank Li, University of Agder, Norway
- Min Sheng, Xidian University, China
- Yong Li, Tsinghua University, China

Sponsoring committees

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

Statistics

- Number of submissions: 190
- Number of TPC members: 215
- Number of accepted papers: 76
- Acceptance rate: 40%

Cognitive Radio and Networks Symposium

Co-Chairs

- Kai Zeng, George Mason University, USA
- Jiajia Liu, Xidian University, China
- Feng Ye, University of Dayton, USA

Sponsoring committees

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

Statistics

- Number of submissions: 84
- Number of TPC members: 139
- Number of accepted papers: 33
- Acceptance rate: 39.29%

Wireless Communications Symposium

Co-Chairs

- Huiling Zhu, University of Kent, UK
- Walaa Hamouda, Concordia University, Canada
- Lian Zhao, Ryerson University, Canada
- Lingjia Liu, Virginia Tech, USA
- Junfeng Xiao, Huawei Technologies, China

Sponsoring committees

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

Statistics

- Number of submissions: 422
- Number of TPC members: 486
- Number of accepted papers: 168
- Acceptance rate: 39.81%

Next Generation Networking Symposium

Co-Chairs

- Pascal Lorenz, University of Haute Alsace, France
- Wei Wang, San Diego State University, USA
- Shuai Han, Harbin Institute of Technology, China
- Michele Nogueira, Federal University of Parana, Brazil

Sponsoring committees

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

Statistics

- Number of submissions: 196
- Number of TPC members: 136
- Number of accepted papers: 78
- Acceptance rate: 39.79%

GC'2018, Abu Dhabi, UAE

Ad Hoc and Sensor Networks Symposium

Co-Chairs

- Soumaya Cherkaoui, University of Sherbrooke, Canada.
- Hadi Otrok, Khalifa University, UAE.
- Sharief Oteafy, DePaul University, USA.
- Weixiao Meng, Harbin Institute of Technology, 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: 168
- TPC members: 361
- **Accepted papers: TBD**
- **Acceptance rate: TBD**

Mobile and Wireless Networking Symposium

Co-Chairs

- Jun Zheng, Southeast University, China.
- Adlen Ksentini, Eurecom, France.
- Sami Muhaidat, Khalifa University, The United Arab Emirates.
- Konstantinos Samdanis, Huawei Tech, Germany.

Sponsoring committees

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

Statistics

- paper submissions: 271
- TPC members: 215
- Accepted papers: TBD
- Acceptance rate:: TBD

Cognitive Radio and Networks Symposium

Co-Chairs

- Octavia A. Dobre, Memorial University, Canada.
- C. Faouzi Bader, CentraleSupélec, France.
- Zhiyong Feng, Beijing University of Post and Telecommunications, China.

Sponsoring committees

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

Statistics

- paper submissions: 83
- TPC members: 139
- Accepted papers: TBD
- Acceptance rate:: TBD

Wireless Communications Symposium

Co-Chairs

- Yuan Shen, Tsinghua University, China.
- Hyunbum Kim, University of North Carolina at Wilmington, USA.
- Daniele Tarchi, University of Bologna, Italy.
- Sheng Zhou, Tsinghua University, China.
- Athanasios C. Iossifides, Alexander TEI of Thessaloniki, Greece.

Sponsoring committees

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

Statistics

- Paper submissions: 392
- TPC members: 486
- Accepted papers: TBD
- Acceptance rate:: TBD

Next Generation Networking Symposium

Co-Chairs

- Abdelhamid Mellouk, Université Paris-Est Créteil, France.

- Hongbin Luo, Beihang University, China.
- Periklis Chatzimisios, Alexander TEI of Thessaloniki, Greece.

Sponsoring committees

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

Statistics

- Paper submissions:
- TPC members: 136
- **Accepted papers: TBD**
- **Acceptance rate:: TBD**

• **Other TC Sponsored conferences:**

WiMoB'18, Limassol, Cyprus, October 15-17, 2018

WiMob 2017 Tracks

1. Wireless Communications
2. Wireless Networking, Mobility and Nomadicity
3. Ubiquitous Computing, Services and Applications
4. Green and Sustainable Communications and Network computing
5. Security on Wireless and Mobile Networks

Statistics:

Submission: 210
 Accepted Papers: 59
 Acceptance Ratio: 28.1%

ICNC'19, Hawaii, USA, February 18-21 2019

ICNC'18: 250 attendees

• **AHSN website and mailing list**

- Dr. Cheng Li updated the AHSN TC on the status of the TC's mailing list and website. They are now both hosted on ComSoc servers, and they will be managed by ComSoc staff.

• **Other business**

- Dr. Cheng Li raised the issue of dropping submissions for AHSN symposia, and asked the AHSN TC members for suggestions and input to increase submission rates.
- Dr, Cheng Li encouraged TC members to be more active in TC activities, to grow and improve their nomination chances in AHSN TC roles.

- Future GC/ICC Technical Program Committee Activities
- IEEE Distinguished Lecturers (DLT)
- IEEE Fellow / Senior Member Promotion

- **Next meeting**
 - Next AHSN TC meeting at GC'18, Abu Dhabi, UAE, December 2018.

- **Meeting Adjourn**

The meeting was adjourned at 8:40 am.

Chair: Cheng Li

Vice Chair: Soumaya Cherkaoui

Secretary: Jiajia Liu