

Minutes of the AHSN TC
Held in IEEE Globecom 2019 meeting
Time: Tuesday, December 10th, 2019 , 7:30 - 9:00 AM
Location: Naupaka Salon 4
Waikoloa, HI, USA

AHSN TC Officers:

Chair: Cheng Li
Vice Chair: Soumaya Cherkaoui
Secretary: Jijia Liu
Past Chair: Jalel Ben Othman

Number of Attendees: 73 people

The meeting started at 7:30 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 73 attendees were present at the meeting.

• **Approval of the meeting agenda**

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

• **Approval of the minutes of the ICC'19 AHSN TC meeting**

Motion to approve agenda and meeting minutes moved by Hossam Hassanein, seconded by Soumaya Cherkaoui. The motion passed unanimously.

• **Business arising from the minutes**

There was no business arising.

• **The AHSN TC 2019 outstanding Technical Achievements award**

Dr. Jalel Ben Othman, the Chair of this awards committee, introduced the history, objectives, the criteria and procedure of this award. 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. Nomination has been solicited by e-mail from the AHSN TC members. Selection committee members are:

- **Chair:** Dr. Jalel Ben Othman, University of Paris 13, (past TC chair)
- Dr. Cheng Li, Memorial University, (current TC chair)
- Dr. Nei Kato, Tohoku University, (past TC chair)
- Dr. Azzedin Boukerche, University of Ottawa, (past TC chair)
- Dr. Sherman Shen, University of Waterloo, (past award recipient)

The recipient of this year's award is **Prof. Yuguang (Michael) Fang** from the University of Florida, USA. Dr. Fang is awarded for his Outstanding Contributions to Medium Access Control and Security in Mobile Ad Hoc Networks and Wireless Sensor Networks.

The AHSN TC 2019 officer election

According to the TC P&P, the current TC vice chair automatically ascends to take the role of the TC chair, and the secretary ascends to the vice-chair position. The officer election only applies to the secretary position.

- 2019 TC Election Ad Hoc Committee
 - **Chair:** Dr. Cheng Li, Memorial University, (current TC chair)
 - Dr. Jalel Ben Othman, University of Paris 13, (past TC chair)
 - Dr. Nei Kato, Tohoku University, (past TC chair)
- Call for nomination (Posted on TC mailing list in Oct. 31st 2019 with the deadline of Nov. 30th 2019)
- By the end of the nomination period, the TC received. The nominees were:
 - Dr. Sharief Oteafy (DePaul University, USA)
 - Dr. Shuai Han (Harbin Institute of Technology, China)
 - Dr. Rodolfo Wanders Lima Coutinho (Concordia, Canada)
- The nominations were presented as well the corresponding biographies.
- Dr. Han withdraw his nomination by email a day before the TC meeting. Accordingly, his name was removed from the competition.
- Dr. Coutinho withdrew his nominations just after the presentation of the three nominations.
- A vote was held on the remaining nomination. Dr. Oteafy was elected into the position of AHSN TC Secretary for the term 2020 – 2022

Report from the chair

- TC Re-certification for another term of 3 years (2020 – 2022)
- TC title and scope change: IoT, Ad Hoc, and Sensor Network Technical Committee (IoT-AHSN TC)
- DLT (Soumaya (new), HH Chen (renew), Yi Qian (renew))
- Promotion to IEEE Fellow (Yang Xiao)
- SIG on IoT
- New TC P&P
 - TC Board P&P approved
 - All TCs had to update their P&P to be compliant with the TC Board's P&P
 - The TC P&P have been reviewed accordingly and submitted to the TC board for comments pending the adoption by the TC.
 - The new TC P&P were discussed, and approved unanimously at the TC meeting
 - The TC approval of the new TC P&P will be communicated to the TC Board.

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 AHSN members are encouraged to submit letters ~1500 words, and that their work will reach out to all AHSN members.
- This year's newsletter is featured by an article contributed by a team from U. Burgundy, France, titled: "Ensuring Safety of Vulnerable Road Users using their smartphones and

fogging: Challenges and Solutions”

- 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.

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 symposia and the TPC chair makes the final decision on the co-chairs.

Dr. Li noted a GITC policy, where 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 one AHSN symposium within a two year window. Thus, the AHSN TC should factor this in future nominations.

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

Sponsored Activities:

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'20, Dublin, Ireland, 7-11 June
- GC'20, Taipei, December 7-11, 2020
- ICC'21, Montreal, Canada
- GC'21, Madrid, Spain
- ICC'21, Seoul, South Korea
- GC'22, Rio de Janeiro, Brazil
- ICC'23, Rome, Italy

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 ICC 2020, Dublin, Ireland.

Meeting Adjourned at 8:40 am

Appendix A – List of attendees

Name	E-mail
Abd Elhamid Taha	hamid.taha@IEEE.ORG
Abdallah Shami	ashami2@uwo.ca
Abdelhamid Mellouk	mellouk@UNIV-PARIS12.FR
Abdellatif Kobbane	abdellatif.kobbane@um5.ac.ma
Abderrahim Benslimane	benslimane@ieee.org
Adlen Ksentini	adlen.ksentini@EURECOM.FR
Ahmed Refaey	ahussein01@manhattan.edu
Anwar Haque	ahaque32@uwo.ca
Ayman Radwan	aradwan@AV.IT.PT
Baoxian Zhang	bxzhang@UCAS.AC.CN
Burak Kantarci	burak.kantarci@UOTTAWA.CA
Cheng Li	licheng@MUN.CA
Chougdali Khalid	chougdali@gmail.com
De-Nian Yang	dnyang@iis.sinica.edu.tw
Ekram Hossain	Ekram.Hossain@umanitoba.ca
El-Mehdi Amhoud	elmehdi.amhoud@um6p.ma
Feng Hu	huf@nuaa.edu.cn
FengYe Hu	hufy@jlu.edu.cn
Geoffrey Wilhelm	geoffrey.wilhelm@univ-reims.fr
Hacene Fouchal	hacene.fouchal@univ-reims.fr
Hassine Moun gla	hassine.moungla@PARISDESCARTES.FR
Hossam Hassanein	hossam@CS.QUEENSU.CA
Jalel Ben-othman	jalel.ben-othman@UNIV-PARIS13.FR
Jelena Mistic	jmistic@ryerson.ca
Jingyi Wang	jingyiwang@sfsu.edu
Jun Zheng	junzheng@SEU.EDU.CN
Khalil IBRAHIMI	ibrahimi.khalil@uit.ac.ma
Lan Zhang	lanzhang@ufl.edu
Liang Li	liliang_1127@outlook.com
Lynda Mokdad	lynda.mokdad@UNIV-PARIS12.FR
Marwane Ayaida	marwane.ayaida@univ-reims.fr
Melike Erol-Kantarci	melike.erolkantarci@UOTTAWA.CA
Miao Pan	mpan2@uh.edu
Michael Fang	fang@ECE.UFL.EDU
Mohamed El-Kamili	Mohamed.elkamili@ieee.org
Mohammed Atiquzzaman	atiq@ou.edu

Mohsen Guizani	mguizani@IEEE.ORG
Nadjib Aitsaadi	nadjib.aitaadi@uvsq.fr
Najah Abu-Ali	najah@uaeu.ac.ae
Neeraj Kumar	neeraj.kumar@THAPAR.EDU
Nei Kato	kato@IT.ECEI.TOHOKU.AC.JP
Nirwan Ansari	ansari@NJIT.EDU
Nizar Zorba	nizarz@QU.EDU.QA
Pascal Lorenz	lorenz@IEEE.ORG
Periklis Chatzimisios	pchatzimisios@ihu.gr
Phone Lin	plin@csie.ntu.edu.tw
R. Venkatesha Prasad	r.r.venkateshaprasad@TUDELFT.NL
Ricardo Lent	rlent@uh.edu
Rodolfo Coutinho	rodolfo.coutinho@CONCORDIA.CA
Rongxing Lu	RLU1@unb.ca
Rui Hu	rui.hu@my.utsa.edu
Ruoyu Su	suruoyu@njupt.edu.cn
Sameh Sorour	sameh.sorour@queensu.ca
Scott Fowler	scott.fowler@gmail.com
Selma Boumerdassi	selma.boumerdassi@INRIA.FR
Sharief Oteafy	soteafy@DEPAUL.EDU
Shashank Gaur	shashank.gaur@ieee.org
Shiwen Mao	smao@IEEE.ORG
Sidi-mohammed Senouci	sidi-mohammed.senouci@U-BOURGOGNE.FR
Soumaya Cherkaoui	soumaya.cherkaoui@USHERBROOKE.CA
Sudip Misra	sudip_misra@YAHOO.COM
Vojislav Mistic	vmistic@ryerson.ca
Weixiao Meng	wxmeng@HIT.EDU.CN
Xianbin Wang	xianbin.wang@UWO.CA
Xiao Ma	maxiao18@bupt.edu.cn
Xiaohui Liang	xiaohui.liang@umb.edu
Xinyue Zhang	xzhang67@uh.edu
Xuanli Wu	xlwu2002@hit.edu.cn
Xuemin (Sherman) Shen	shen@UWATERLOO.CA
Yacine Ghamri	yacine.ghamri@UNIVR.LR.FR
Yanmin Gong	yanmin.gong@utsa.edu
Yuanxiong Guo	yuanxiong.guo@utsa.edu
Yuchao Zhang	yczhang@bupt.edu.cn