

**Minutes of the IoT & AHSN TC meeting**  
**Held in conjunction with IEEE ICC 2022**  
**Time: Wednesday, April 27<sup>th</sup>, 2022, 9:00 - 11:00 EST**  
**Location: online**

---

**IoT & AHSN TC Officers:**

Chair: Jiajia Liu

Vice Chair: Sharief Oteafy

Secretary: Shuai Han

**Number of Attendees:** 65

---

The meeting started at 9:05 am.

**Welcome message and introduction**

Dr. Jiajia Liu welcomed the attendees of the IoT & AHSN TC meeting. A total of 65 attendees were present at the meeting. The attendees were reminded to add their names to the chat window as well as a google form to register attendance.

**Approval of the meeting agenda**

Dr. Jiajia called for approval of the agenda. The motion was moved by Dr. Hussein Mouftah, and seconded by Dr. Shuai Han. The motion passed unanimously.

**Approval of the minutes of the Globecom 2020 IoT-AHSN TC meeting**

Motion to approve meeting minutes of the IEEE Globecom 2021 meeting was moved by Dr. Mohsen Guizani, and seconded by Dr. Cheng Li. The motion passed unanimously.

**Overview of IoT & AHSN TC**

Dr. Jiajia presented an overview of the IoT & AHSN TC, explaining its purpose, areas of interest, membership conditions (enrolling in mailing list & being a ComSoc member), and reminded the attendees of the official website for the TC: <https://ahsn.committees.comsoc.org/>

Attendees were asked to ensure that they register on the official mailing list with the full name and e-mail, to ensure accurate tallying of active members in the TC.

Dr. Jiajia introduce the new TC officers for 2022-2023 term.

**The IoT & AHSN TC Newsletter Update**

The current TC Newsletter Editorial Board, comprised of the following TC members

Editor-in Chief: Qiang Ye, Dalhousie University, Canada

Co-Editors: Moes Esseghir, University of Technology of Troyes, France

Lu Lv, Xidian University, China

- Dr. Jiajia presented a summary on the 15<sup>th</sup> newsletter (December 2021), which featured 2 articles, and they are posted on the newsletter homepage (under the TC webpage), which includes all past issues, at this link: <http://ahsn.committees.comsoc.org/newsletter/>
- A call for contributions to future editions of the newsletter was extended to all attendees.

### **Standards liaison report**

- Dr. Rodolfo Coutinho, Concordia University (Canada), presented his report on liaison activities. He noted attending IEEE SA meetings, and recent IEEE SPDB and SDB activities.
- Dr. Coutinho presented a detailed overview on the work of the IEEE SPDB, SDB, and its recent activities.
- Dr. Coutinho is ending his current term by end of 2021, and a call for new Standards Liaison was issued by Dr. Cherkaoui last year. Dr. Jiajia sent a new call for the Standards Liaison again. Nominations are to be sent to the TC officers, including a biography and a statement of interest in the position.

### **Industry Seminar Series**

- Dr. Anwar Haque did not report activities since the last meeting.

### **Report from the chair on TC activities**

- An overview on the endorsement policy of the TC was presented by Dr. Jiajia. Specifically, that when a conference is endorsed, a report on submissions, review process, etc., shall be sent to the TC for follow up.
- The IoT & AHSN TC endorsed the following conferences:
  - Wincom 2022
    - Abdellatif Kobbane, ENSIAS, Mohammed V University in Rabat
  - ICCSN 2022
    - Tan Xiaoheng, Executive Vice Dean, School of Microelectronics and Communication Engineering, Chongqing University, China
    - Jalel Ben-Othman, University of Paris 13, France
    - Wei Wu, The 54th Research Institute of China Electronics Technology Group Corporation, China
  - GC/ICC Symposia (statistics were presented by Dr. Jiajia):
    - IoT & Sensor Networks (IoT-SN)
    - Mobile and Wireless Networks (MWN)
    - Next Generation Networks (NGN)
    - Wireless Communications Symposium (WC)
- Nominations have been made up to GC 2023.
  - Baoxian Zhang, Univ. of Chinese Academy of Sciences, PRC
  - Nizar Zorba, Qatar University, Qatar
  - Abdel-Hamid Taha, Alfaisal University, Saudi Arabia
- Endorsements for IEEE Fellow
  - No endorsement request made
  - Please contact us if you need endorsement
- Nomination for ComSoc Distinguished Lecturers
  - Submissions for the 2023-2024 Distinguished Lecturer Program will be open July through 30 September 2022.
  - Reminder will be sent through the TC mailing list.
  - Please contact us if you would like to nominate yourself or a colleague.

- IoT-AHSN Committee Awards
  - Dr. Jiajia introduce the two awards: IoT-AHSN Technical Achievement and Recognition Award and IoT-AHSN Exceptional Service and Contribution Award.
  - New Awards Subcommittee is casted by Jiajia. The motion is moved by Dr. Cheng Li. Dr. Mohsen second the motion. The motion passed unanimously.
  - Dr. Jiajia call for nominations of IoT-AHSN Technical Achievement and Recognition Award (Nomination deadline Oct. 2022) . The criteria and requirements are shown by Jiajia.

### Special Interest Groups

- The TC is running four active SIGs, with the following leadership:

<b>SIG</b>	<b>Lead</b>	<b>Advisor</b>
<b>Internet of Unmanned Aerial Networks</b>	Moayad Aloqaily	Sidi-Mohamed Senouci
<b>Industrial IoT Networks</b>	Neeraj Kumar	Abdallah Shami
<b>ML for AHSN &amp; IoT</b>	Lyes Khoukhi	Damla Turgut
<b>IoT in Tactile Internet</b>	Sharief Oteafy & Nikolaos Pappas	Soumaya Cherkaoui

- The leaders of each SIG presented summaries of their activities, highlighting the following activities:
- SIG on IoT in Tactile Internet:
  - No activities recently.
- SIG on Machine Learning for AHSN and IoT networks:
  - A seminar about ML for SIG IoT ML by Adlen Ksentini (Professor at EURECOM).
  - Special issue on Safety and Security of Autonomous Vehicles AV, in the Journal of "ETT Wiley".
- SIG on Internet of Unmanned Aerial Networks:
  - Activity Recognition for Real-Time UAV Applications.
  - Workshop on The 5th International Workshop on Intelligent Transportation and Autonomous Vehicles Technologies (ITAVT 2022), General Co-Chaired by Moayad Aloqaily, MBZUAI, UAE.
- SIG on Industrial IoT Networks:
  - No updates, because Dr. Neeraj Kumar can not be reached.

### Other Businesses

- 2022 IoT-AHSN Technical Achievement and Recognition Award will be pushed forward.
- Future GC/ICC Technical Program Committee nominations.
- IEEE Fellow/Senior Member Promotion

**Next meeting**

- Next IoT & AHSN TC meeting with IEEE Globecom 2022.

Motion to adjourn the meeting. Moved by: Dr. Sharief Oteafy and seconded by: Dr. Mohsen Guizani.

**Meeting Adjourned at 10:00**

## Appendix A – List of attendees

Names	
Abdallah Shami	Ning Zhang
Abd-Elhamid Taha	Nitin Gupta
Ahmed Refaey Hussein	Nizar Zorba
Amr El-Wakeel	Noura Aljeri
Antonio Iera	Ouns Bouachir
Ayman Radwan	Pascal LORENZ
Azzedine Boukerche	Peng Sun
Baoxian Zhang	Peng Yu
Bomin Mao	Qiang Ye
Boubakr Nour	Qiang Ye
Burak Kantarci	Rasheed Hussain
Cheng Li	Ricardo Lent
Claudio Marche	Rodolfo Coutinho
Cyn Sikora	Rongxing Lu
Danda B. Rawat	RR Venkatesha Prasad
Falko Dressler	Ruidong Li
Frank Li	Ruoyu Su
Hacene Fouchal	Safa Otoum
Hongzhi Guo	Sharief Oteafy
Hossam Hassanein	Shiwen Mao
Hussein Mouftah	Shuai Han
Ilker Demirkol	Soumaya Cherkaoui
Jalel Ben-othman	Virginia Pilloni
Jiadao Wang	Weixiao Meng
Jiajia Liu	Yacine Ghamri-Doudane
Kapal Dev	Yuanfang Chen
Louai Al-Awami	Zheng Chang
Luca Foschini	Zhenyu Liu
M Fatima Domingues	ZHU YISHI
Michael Fang	Zijun Gong
Michele Nitti,	
Moayad Aloqaily	
Mohammed Atiquzzaman	
Mohsen Guizani	
Nidal Nasser	