

Minutes of the IoT & AHSN TC meeting
Held in conjunction with IEEE GC 2020
Time: Monday, Dec 21st, 2020, 10:00 - 11:00 AM
Location: online

IoT & AHSN TC Officers:

Chair: Soumaya Cherkaoui

Vice Chair: Jijia Liu

Secretary: Sharief Oteafy

Number of Attendees: 89

The meeting started at 10:02 am and was adjourned at 11:42 am.

• **Welcome message and introduction**

Dr. Soumaya Cherkaoui welcomed the attendees of the IoT & AHSN TC meeting. A total of 89 attendees were present at the meeting. The attendees were reminded to add their names to the chat window to register attendance.

• **Overview of IoT & AHSN TC**

Dr. Cherkaoui 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.

• **Approval of the minutes of the ICC'20 AHSN TC meeting**

Motion to approve meeting minutes of the IEEE ICC 2020 meeting was moved by Dr. Soumaya Cherkaoui, and seconded by Dr. Yacine Ghamri-Doudane. The motion passed unanimously.

• **IoT-AHSN Technical Achievement and Recognition Award**

The chair presented the awards committee, and presented an overview on the Technical Achievement and Recognition Award, and the nomination & selection processes. This year there were 6 nominations.

The awardees are: **Dr. Hossam Hassanein** (Queen's University, Canada) and **Dr. Guoliang (Larry) Xue** (Arizona State University, USA). The awardees accepted the awards, and they were commended on their great achievements.

According to the new P&Ps, Chair can no longer serve on the awards committee

Motion to add Sharief Oteafy as an Awards subcommittee member, replacing the TC chair (Soumaya Cherkaoui).

Moved by: Dr. Soumaya Cherkaoui

Seconded by: Dr. Hussein Mouftah,

Motion unanimously approved

- **Update on IoT-AHSN TC P&Ps**

Dr. Cherkaoui presented updates on the policies and procedures. Newly revised TC Board P&Ps were updated in September 2020. The updates were covered in detail, including the election process where only TC voting members are eligible to run as elected TC officers.

A motion was put forward: “To approve the TC P&Ps with the corresponding amendments to comply with new TC Board P&Ps”

Moved by: Dr. Soumaya Cherkaoui

Seconded by: Dr. Mohammed Atiquzzaman

Motion unanimously approved

Report from the chair on TC activities

- An overview on the endorsement policy of the TC was presented by Dr. Cherkaoui. 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:
 - GC/ICC Symposia (statistics were presented by Dr. Cherkaoui):
 - IoT & Sensor Networks (IoT-SN)
 - Mobile and Wireless Networks (MWN)
 - Next Generation Networks (NGN)
 - Wireless Communications Symposium (WC)
 - ISNCC 2020
 - General Chairs: Dr. Hussein Mouftah and Dr. Jihene Rezgui.
 - ICNC 2020
 - TPC Chair: Dr. Cheng Li, Memorial University, Canada
- Endorsements for IEEE Fellow
 - Visit www.ieee.org/fellows for more information about how to write the endorsements

The IoT & AHSN TC Newsletter Update

- The current TC Newsletter Editorial Board, comprised of the following TC members, have completed their long and commendable service with the IoT-AHSN TC:
Editor-in Chief: Yacine Ghamri-Doudane, University of La Rochelle, France
Co-Editor-in Chief: Sidi-Mohammed Senouci, Bourgogne University, France
Co-Editors: Damla Turgut, University of Central Florida, USA
Burak Kantarci, University of Ottawa, Canada
- Dr. Yacine Ghamri-Doudane and Dr. Sidi Senouci, Editors-in-Chief of the IoT & AHSN TC Newsletter, provided an update of the newsletter activities. They were thanked for their keen support of the TC and managing the Newsletter. They both relayed their thanks to the TC members, and were commended and thanked by the TC officers and members for their phenomenal contributions.
- The 13th newsletter (December 2020) featured 3 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/>

- The authors of the contributors to the 13th newsletter gave brief overviews about their contributions.
- Dr. Qiang Ye is appointed as the new EiC of the IoT-AHSN newsletter for the 2021-2023 term. He is an Associate Professor in the faculty of Computer Science at Dalhousie University. He will form a team that will lead the new newsletter for the 2-year term.

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, such as the PAR extensions of the P1918.1 standard.
- Dr. Cherkaoui also encouraged TC members in taking part in standardization activities to leverage their expertise in new technologies being developed.

New Special Interest Groups

- The TC has taken initiative to setup 4 nascent SIGs, with the following leadership:

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

- Call for joining these SIGs, by contacting the TC officers
- IoT-AHSN TC support for SIGs and help in promotion
- Call for interest to liaise with other TCs, to foster and promote joint activities

IoT initiative

- A Special track at the WF-IoT 2021 was established with the title “Mobile Edge Computing and Data Analytics for IoT”. The Chairs (listed alphabetically) are:
 - Dr. Moayad Aloqaily, Gnowit Inc., Canada
 - Pr. Virginia Pilloni, University of Cagliari, Italy
 - Pr. Danda Rawat, Howard University, USA
 - Pr. Ning Zhang, University of Windsor, Canada
- Dr. Moayad presented a summary of the special track, and encouraged submissions. Dr. Cherkaoui asked our TC members to contribute to this new effort in collaboration with WF-IoT and the IoT initiative.

Other business

- Call from Dr. Soumaya Cherkaoui for members to check virtual DLs, and the IEEE TV
- A call for discussions on the expansion and promotion of IoT-AHSN TC activities was made. Including establishing best paper awards, and promoting an outstanding your researcher award. Dr. Burak Kantarci noted that early-career is more politically correct than “young award”, and his comment was strongly supported by Dr. Hussein Mouftah and Dr. Hossam Hassanein.
- Dr. Azzedine Boukerche suggested establishing a best thesis award, to help us increase the support for graduate students, as well as encourage them to join the TC early on to be eligible.
- Dr. Boubakr Nour suggested establishing a best student paper award, in addition to the best paper award which targets the larger TC membership. Dr. Boukerche suggested naming it after a prominent researcher in the field.
- Dr. Nidal Nasser suggested awards for TC members with high citations and industry involvement.
- Dr. Vincent Chan noted that ICC 2021 will be virtual

Next meeting

- Next IoT & AHSN TC meeting close to ICC 2021 – Virtual.

Meeting Adjourned at 11:42 am

Appendix A – List of attendees

Names	
Abdallah Shami	Jalel Ben Othman
Abd-Elhamid Taha	Jelena Misic
Abdellatif Kobbane	Jiajia LIU
Abderrahim Benslimane	Jun Zheng
Abderrahime Filali	Kun Yang
Adlen Ksentini	Larry Xue
Ahmed Refaey Hussein	Louai Al-Awami
Aldri Santos	Lyes Khoukhi
Amine Abouaomar	lynda MOKDAD
Amr El-Wakeel	Lynda Zitoune
Antonio Iera	Marwane Ayaida
Arun Samuel	Melike Erol-Kantarci
Ayman Radwan	Miao Pan
Azzedine boukerche	Michele Nitti
Balamurugan	Michele Zorzi
Baoxian Zhang	Mike Fang
Boubakr Nour	Moayad Aloqaily
Burak Kantarci	Mohammed Atiquzzaman
Cheng Li	Mohsen Guizani
Damla Turgut	Mubashir Rehmani
Danda B. Rawat	Muneeb Ul Hassan
Éric Renault	Neeli Prasad
Falko Dressler	Neeraj Kumar
Fatima Domingues	Nidal Nasser
Feng Ye	Ning Zhang
Frank Li	Nizar Zorba
Fulvio Babich	Noura Aljeri
Hacene Fouchal	Peng Sun
Hai Jiang	Qiang Ye
Hajar Moudoud	Ramon Jesus Sanchez Iborra
hanshuai	Ricardo Lent
Hongzhi Guo	Rodolfo Coutinho
Hossam Hassanein	RR Venkatesha Prasad
Houbing Song	Safa Otoum
Hussain Mouftah	Sameh Sorour
Hyunbum Kim	Selma Boumerdassi

Sharief Oteafy	Tarik Taleb
Sherman Shen	Vincent Chan
Shirley Cisneros	Virginia Pilloni
Shiwen Mao	Voja Mistic
Sidi Mohammed Senouci	Weihua Zhuang
Sofiène Affes	Yacine Ghamri-Doudane
Soumaya Cherkaoui	Yu Wang (yu)
Sudip Misra	Zhenyu Liu
Tarek Bejaoui	