

IEEE Communications Society eHealth Technical Committee Meeting

IEEE ICC 2023 Virtual meeting

Held virtually on Wednesday May 10th 2023, 08:30 – 11:00 (EDT) before IEEE ICC 2023, Rome, Italy.

Chaired by Prof. Andrea Sciarrone, eHealth TC Chair.
Minute by Prof. Ayman Radwan, eHealth TC Secretary.

Welcome/Introduction

The Chair welcomes the new eHealth TC members and he illustrates the meeting agenda.

The Chair shows the agenda's meeting.

Meeting's Agenda

1. Welcome, Agenda and TC structure
2. Minutes of Previous TC meeting
3. TC Officers & Upcoming Elections
4. TC Newsletter
5. TC Special Interest Groups
6. TC involved Journal/Magazine publications
7. Conference, Symposia and Workshop Report
8. eHealth TC Awards
9. Other Business?
10. Adjourn

The attendance is marked through the chat of the online ZOOM meeting.

The list of attendees is also shown in figures, at the end of the meeting's minutes.

The chair provides information about the objectives of the eHealth TC, then presents the registration and subscription to the TC and how to be considered member, and active member.

eHealth Overview

The chair shows the structure of the eHealth TC and how it is connected to the Organization of IEEE and IEEE ComSoc.

The chairs were illustrated.

Last eHealth TC meeting minute approval

The Chair shows the last eHealth TC meeting (held before IEEE Globecom 2022, on 29th November 2022) minutes. The minutes is publicly available on the eHealth TC website here:

https://site.ieee.org/com-ehealth/files/2022/05/Minute_ICC_2022-1.pdf

Prof. Andrea Sciarrone moves the IEEE Globecom 2022 minutes approval. Prof. Danka Turgut seconds the approval. The Chair put the minute for approval. No one abstains or casts a contrary vote so the IEEE ICC 2022 minutes is unanimously approved.

eHealth Officers

Prof. Sciarrone introduces the officers of the eHealth TC

Chair: Prof. Andrea Sciarrone

Vice Chair: Prof. Christos Verikoukis

Secretary: Prof. Ayman Radwan

Prof. Sciarrone has confirmed the management organization of the TC. He elaborated that the organization is based on shifting process, where the Vice Chair becomes the Chair, and the Secretary becomes the Vice Chair. The serving period of Prof. Andrea as a chair is coming to an end by 31st Dec. 2023, and he asked for nominees for the position of Secretary.

This will be the last year for Prof. Sciarrone as the chair. The election for the Secretary position will be held during Globecom 2023.

Election of new Secretary

The chair has elaborated the role as a member and Voting member of the eHealth TC. Only voting members are allowed to participate in the election process.

In the following weeks, The TC will:

- broadcast a call for Secretary nomination (self-nominations will also be allowed)
- publish an updated list of the Voting Member
- Communicate the voting modalities (eVote ?, physical vote ?, both ?), which will be confirmed by ComSoc

There is a need for at least 2 candidates for any open position.

Self-nomination is allowed.

eHealth TC Newsletter

The Chair introduced the newsletter and thanked Dr. Nada Philip for her efforts to maintain the newsletter.

The last release of the newsletter was very recent: April 2023.

The newsletter can be found at:

<http://site.ieee.org/com-ehealth/files/2023/05/e-Health-TC-Newsletter-April-2023.pdf>

The chair illustrated the contents of the newsletter, and asked for contributions from the members.

ComSoc TC Innovation Support

The chair introduced the new concept of supporting new innovation initiatives.

\$50,000 has been approved by the BoG, as a reward for innovation.

A subcommittee will be appointed by VP TEA consisting of BoG & FinCom

Up to 10 proposals will be selected from TC/SIG/ETI submitted proposals, and each selected proposal will be funded by \$5,000

The initiative will support travel, support for organizing workshop, seminar, etc

Deadline: 15 May. 2023

ComSoc TC Campaign Video Project

A new initiative was proposed for the development of TC Campaign video.

Purpose: to make our members and the public aware of what our technical committees are doing and how they guide the high-interest initiatives in communication technology.

How: will make one short video about 1-2 minutes for each TC. Finally, 3 or 5 best videos will be selected among 26 TCs for the TC Video Award

Deadline: 15 May. 2023

TC Special Interest Group (SIG)

The Chair shows that the eHealth TC has 5 different Special Interest Group (SIG):

- Smart and connect health
ChunSheng Xin (cxin@odu.edu)
Sabah Mohammed (sabah.mohammed@lakeheadu.ca)
- Big data for e-Health
Jinan Fiadhi (jfiadhi@lakeheadu.ca)
- Blockchain for e-Health
Simon Fong (ccfong@umac.mo)
- AI for e-Health
M. Shamim Hossain (hamim.hossain@ieee.org)
- IoT for e-Health
Sudip Misra (smisra@sit.iitkgp.ernet.in)

The 5 groups are very active, and we really appreciate that.

Every leader of each SIG illustrated the recent updates and the work done with the group.

It started with Smart and connect health SIG, introduced by Prof. Sabah Mohammed, Lakehead University, Canada.

He elaborated on the composition of the SIG, showing the chairs and associate chairs, in addition to members.

He elaborated on the activities of the SIG.

The SIG is organizing BDIOT 2023, in Beijing, China, where eHealth is one of the topics.

META2023 was also organized, by Prof. Sabah, and co-chaired by other members of the SIG.

Multiple SIs are chaired by the members, which were presented.

The SIs are open, and members are welcome to send their publications.

Prof. Mohammed is an invited speaker in CNIOT 2023.

He will also present his paper at the IRASET 2023, in Morocco, then present his article in ICHI2023.

Next was IoT for eHealth SIG, which was introduced by Prof. Sudip Misra.

Dr. Sudip introduced the SIG's Activities:

- Prof. Sudip as Keynote speaker at MICA 2022
- Prof. Sudip as Keynote talk in Workshop on Internet of Things: Trends and Applications
- Prof. Sudip as Keynote speaker at CoCoLe,
- Dr. Arijit Roy. as speaker at Workshop on Recent Trends in Information Technology, Networking, and health-care

Next SIG was Big Data for eHealth, presented by Prof. Jinan Fiadhi (chair of the SIG)

Prof. Jinan has introduced herself, briefly.

Dr. Fiadhi followed suit, and elaborated on the composition of the SIG, showing the chairs and associate chairs, in addition to area experts and members.

Prof. Fiadhi was an invited speaker at BDIOT 2023, in China.

She was also a keynote speaker at CR2022.

She was also the conference chair of BDIOT (Big Data and Internet of Things).

The META 2023 is the first international conference on Metaverse, and was organizing in January 2023, in Bangkok.

She introduced 2 SIs with Sensors (mdpi) and Computational Intelligence (Hindawi). The Call for papers is currently open and members are invited and encouraged to submit their paper.

She will present her paper at the IRASET 2023, in Morocco, in May 2023, then present her article in ICHI2023, in June 2023.

Next the SIG on AI for Health was presented by Prof. M. Shamim Hossain who presented the composition and members of the SIG.

He also presented the achievements of the SIG. Prof. Hossain is among the highly cited researchers in Computer Science in 2022 and he also succeeded in renewing his IEEE Distinguished Lecturer.

The next SIG was Blockchain for eHealth and was introduced, by Prof. Simon Fong.

The members of the SIG and its structure were elaborated.

Some SIs chaired by Prof. Fong were presented, and the organization of conferences (BDIOT2022).

Multiple members of the SIG were Guest/keynote speakers at multiple events.

Prof Fong presented 2 research grants which were won by members of the SIG.

Finally, a joint project with Tsinghua university was introduced.

Prof. Fong presented his latest funded project, which is dedicated to elders' healthcare. It is using Lidar without face recognition and protecting privacy.

Dr. Radwan showed interest in the project presented by Prof. Fong.

Prof. Sciarrone also expressed his interest in collaborating towards these efforts.

This has attracted attention from multiple members of the SIG to initiate collaborations with Prof. Fong and his initiative.

Next was IoT for eHealth SIG, which was introduced by Prof. Sudip Misra.

Following the same structure, the structure and members of the SIG were presented.

Dr. Sudip introduced the SIG's Activities:

- Panel chair in IEEE/ACM conf. on Connected Health 2023.
- Workshop in Globecom 2021
- Workshop in INFOCOM 2022
- Multiple webinars on Healthcare IoT
- Knowledge Transfer activities, including talks
- Special Issues
- List of relevant publications

The chair thanked all SIG chairs for their contributions and efforts.

He also invited members to share their SIs, and their involvement in journals or organization of conferences.

If any member is preparing a SI or other related initiatives, the TC can help publicizing for that, in addition help with finding co-chair and co-organizers.

The chair then presented opportunities for publications:

IEEE Globecom 2023 – eHealth Track, inside the SAC symposium

Deadline: has been once again extended.

Location: Kuala Lumpur, Malaysia

Number of submitted papers: 30 papers (till now): Still time to receive more paper.

ICTS4eHealth 2023

Special Session: Impact of ChatBots (Cbs) in the HealthCare sector.

Deadline is May 15th, 2023

Location: Tunis, Tunisia

Time: 9-12 July 2023

IEEE World Forum on IoT

Special Session proposal is being prepared

Co-Chairs: M. Fatima Domingues and Andrea Sciarrone

Deadline will be around end of June

The Special session will be out online soon.

Location: Aveiro, Portugal

Time: 21-23 June 2023

IEEE HEALTHCOM 2023

Deadline is July 15th, 2023

Location: Chongqing, China

Time: 15-17 December 2023

Conference Activities Updates

- IEEE GLOBECOM 2023 SAC Track on e-Health, Dec. 4-8, 2023, Kuala Lumpur, Malaysia
TPC Chair: Andrea Sciarrone, (University of Genoa, Italy)
Number of submitted papers: *Submission is still in progress*
Number of accepted papers: *Submission is still in progress*
- IEEE ICC 2024 SAC Track on e-Health, June 9 – 13 June, 2023, Denver, CO, USA
TPC Chair: M. Fatima Domingues, (Khalifa University, UAE)
- IEEE GLOBECOM 2024 SAC Track on e-Health, Dec. 8-12, 2024, Cape Town, South Africa
TPC Chair (Nominated):
 - Hongyang Chen, (Hangzhou Institute for Advanced Study, China)
 - M. Shamim Hossain, King Saud University, Saudi Arabia
- IEEE ICC 2025 SAC Track on e-Health, June 08-14, 2025, Montreal, Canada
TPC Chair (Nominated):
 - Anandarup Mukherjee, University of Cambridge
 - Ayan Mondal, Indian Institute of Technology Indore
 - Sabah Mohammed, Lakehead University, Canada
 - M. Shamim Hossain, King Saud University, Saudi Arabia

The Chair has presented the restructuring of the ComSoc TC.

The Chair has introduced the eHealth Awards.

There are 4 awards:

- Best Conference Paper Award
- Best Journal Paper Award
- Outstanding Leadership Award
- Distinguished Service Award

The eligibility criteria for nomination has been emphasized, for the 2 categories: Best Paper Awards and Service/Leadership Award.

The chair has announced that an ad-hoc call for nominations will be broadcasted later on, and members are encouraged to nominate good papers they know of on the topic of eHealth. Members can nominate their own papers, as well as papers from other authors.

The awards will be announced and awarded during Globecom 2023.

The Chair then reported other endorsed conferences:

- FRUCT2023
<https://www.fruct.org/cfp>
- SpliTech2023
<http://2023.splitech.org/>
- ICTC 2023
<http://ictc.org>
- IEEE COINS 2023
<https://coinsconf.com/>
- IEEE/ACM Chase 2023
<https://conferences.computer.org/chase2022/>

ComSoc Distinguished Lecturers (DLs)

The Chair illustrates the current eHealth TC Distinguished Lecturer (DL):

- Shamim Hossain
2023-2024
- Damla Turgut
2023-2024

IEEE Senior Member/Fellow Elevation

The Chair illustrates the IEEE Senior Member/Fellow Elevation:

- Fatima Domingues, 2023, Senior IEEE member

Any other business

No one had any other business to discuss.

Adjourn

The meeting is concluded. The next meeting will be in Globecom 2023, Kuala Lumpur (We will be back to Physical meetings).

Attendees list

1. Damla Turgut, University of Central Florida
2. Neeli Prasad, TrustedMobi
3. Abd-Elhamid M. Taha, Alfaisal University
4. Hsi-Pin Ma, National Tsing Hua University
5. Giulia Cisotto University of Milan-Bicocca
6. Sabah Mohammed, Lakehead University
7. Jinan Fiaidhi, Lakehead University
8. Sudip Misra, Indian Institute of Technology
9. M. Shamim Hossain, King Saud University
10. Simon James Fong, University of Macau
11. Arijit Roy, Indian Institute of Technology Patna
12. Chiara Garibotto, University of Genoa
13. Maria de Fatima Domingues, Khalifa University
14. Andrea Sciarrone, University of Genoa
15. Cyn Sikora, IEEE ComSoc Outreach and Technical Activities Director
16. Ayan Mondal, Indian Institute of Technology Indore
17. Yeong Min Jan, Kookmin University
18. Igor Bisio, University of Genoa
19. Ayman Radwan, University of Aveiro
20. Hao Ran Chi, Instituto de Telecomunicações

Participants (20)

Find a participant



Ayman Radwan (Me)



Cyn Sikora (Host)



Andrea Sciarrone (Co-host)



Simon James Fong



Abd-Elhamid Taha



Ayan Mondal



Chiara Garibotto



Damla Turgut



Fatima Domingues



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Haoran Chi



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Jinan Fiaidhi



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Sudip Misra



Yeong Min JANG(Kookmin University)



장영민