e-Health Technical Committee Newsletter

Nov 2024

On behalf of the e-Health Technical Committee (TC) of the IEEE Communications Society (ComSoc), we wish all our members a very instructive reading of this letter.

The contribution in this edition is coming from: Nada Philip (n.philip@kingston.ac.uk) from Kingston University, London, United Kingdom. The contribution is related to the IEEE/UL 2933 2024 Standard https://standards.ieee.org/ieee/2933/7592/

Members of the e-Health community are invited to contact the author for further information or collaborations.

We also welcome all our members to share their research activities and field experiences through this open newsletter and to open up new opportunities for discussions and collaborations.

Editor: Prof. Nada Philip (Kingston University London, UK)

Table of Contents

A NEW STANDAR IS PUBLISHED IN 2024: IEEE/UL 2933 CLINICAL IOT DATA AND DEVICE INTEROPERABILITY WITH TIPPSS (TRUST, IDENTITY, PRIVACY, PROTECTION, SAFTEY, SECURITY)
https://standards.ieee.org/ieee/2933/7592/
Nada Philip, (n.philip@kingston.ac.uk), Kingston University London, UK

Scope: A framework with TIPPSS principles (trust, identity, privacy, protection, safety, and security) for Clinical Internet of Things (CIoT) data and device interoperability is established in this standard. This includes wearable clinical IoT and interoperability with healthcare systems including electronic health records (EHR), electronic medical records (EMR), other Clinical IoT devices, in-hospital devices, and future devices and connected healthcare systems.

Purpose: The purpose of this standard is to help enable secured data sharing in connected healthcare solutions for improved healthcare outcomes, help protect patient and data privacy and security, and assist in protecting the subjects and humans who are the ultimate users of these solutions.

Contributors: 250+ WG members from 22 countries / 6 continents including technologies, device manufacturers, providers, payers, patient advocates, researchers, startups, Hyperledger, regulators, NIH, IEEE, UL.

News: 1- 2024 IEEE SA Emerging Technology Awardee (announcement). 2- A New Standard to Secure Connected Healthcare Devices and Data Article: https://www.healthcarebusinesstoday.com/new-standard-secure-connected-healthcare-devices-data/

5ᵗʰ IEEE International Conference on ICT Solutions for e-Health 2025, ICTS4eHealth

It runs in conjunction with the 30th IEEE Symposium on Computers and Communications (ISCC), 2 - 5 July, 2025 - Bologna, Italy

The conference dedicated to ICT solutions for e-Health, especially based on Cloud computing, Internet of Things (IoT), and Computational Intelligence. The conference will bring together researchers from academia, industry, government, and medical centers in order to present the state of the art in the emerging area of the use of cloud systems in connected health infrastructure and applications, and the use of IoT and Computational Intelligence techniques in the area of eHealth.

Call for Special Session:

The Special Session intends to address current and future research and application topics through experts in the field and may include, other than the paper presentation, discussions, and interactions among participants.

If you intend to propose and organize a special session, please submit a proposal by sending an email to icts4eHealth@icar.cnr.it , using the following template:

- Title of the Special Session

- A brief description of the area of concern (approx. 100 words), with special focus on why this is considered to be an interesting and significant topic.

- The name and contact information of two or more Special Sessions chairs, who are willing to promote and organize a sufficient amount of quality submissions to the Special Sessions. Please also indicate the short bio of the organizers.

All papers accepted to the special sessions will be included in the proceedings of IEEE ISCC 2025, of which IEEE ICTS4eHealth conference is a co-located event, and will be submitted for inclusion to IEEE Xplore. The ICTSeHealth and ISCC proceedings have been indexed in the past by ISI, DBLP and Scopus.

Submission deadline for Special Session Proposals: December 09, 2024.

Notification of acceptance: December 16, 2024

IEEE International Conference on Communication (ICC) 2025, 8–12 June 2025 // Montreal, Canada

This year IEEE ICC 2025 will focus on "Communications Technologies 4Good". We will feature a comprehensive high-quality technical program including 13 symposia and a variety of tutorials and workshops. IEEE ICC 2025 will also include an attractive industry program aimed at practitioners, with keynotes and panels from prominent research, industry and government leaders, business and industry panels, and technological exhibits.

Call for Industrial Panel:

A Panel aims at bringing together Speakers from industry and academia, encompassing several sectors, to discuss a timely and relevant topic of interest to conference participants. For topics and submission details, please check this link: Call for Industry Panels | IEEE International Conference on Communications - IEEE ICC 2025

Submission Deadline: 13 December 2024

45th IEEE International Conference on Distributed Computing Systems (IEEE ICDCS 2025), 20-23 July 2025, Glasgow, Scotland, UK. https://icdcs2025.icdcs.org/call-for-workshop-proposals/

IEEE ICDCS 2025 will be hosting workshops in conjunction with the conference, to be held in Glasgow, Scotland, United Kingdom, from July 20th to July 23rd, 2025. We invite you to submit workshop proposals on any topic related to the research and application areas covered by the IEEE ICDCS 2025 conference. Topics representing new research areas and directions, e.g., Distributed Artificial Intelligence (AI), Distributed Machine Learning (ML), and its applications in Distributed Computing Systems, Industrial IoT Systems, Cloud, Mobile Computing, Edge Computing, Open and Secure Networking, and Blockchain, are welcome.

Workshop Proposal Submission Due: 27 November 2024

Workshop Proposal Notification: 15 January 2025