

Track R: Cyber-Physical System Architecture for Smart Healthcare

Today's modern world is witnessing a multi-fold and proliferative advancement in the healthcare technology leading to amalgamation and augmentation of different fields of science and technology with healthcare. To store and transmit the healthcare data, transmission technology, efficient coding technology, cyber physical architecture to secure the personal information of the patient, cloud architecture to back up the healthcare data, wireless technology for tele-healthcare etc. needs to be integrated with the healthcare technology. This track aims to provide a unique platform for healthcare technology developers, academicians, researchers, clinicians and students to share their knowledge and views, network with each other with the pursuit of scientific and technological development in line with sustainable development. This track calls for papers in the following topics but not limited to:

- ✍ Development of personalized and secure healthcare cyber-physical systems
- ✍ Wearable sensor technology in physiological monitoring
- ✍ Internet of Medical Things (IoMT) in non-invasive screening and early prediction
- ✍ Framework for remote health monitoring and tele-medicine
- ✍ Network architecture for modern health management
- ✍ Public health issues, pandemic management, mass-vaccination, handling co-morbidities.
- ✍ Computational models, smart devices, biomaterials, robotic surgery, smart self-rechargeable implant materials

Track Chair: Dr. Sriraam Natarajan

M.S Ramaiah Institute of Technology
Bangalore

Track Co-Chair: Dr. Niranjana Sampathila

Manipal Institute of Technology
Manipal Academy of Higher Education

IMPORTANT DATES

Portal Opening for Submission: 15 Nov, 2022

Full Paper Submission: 05 March, 2023 (Hard deadline, no further extensions)

Acceptance Notification: 26 April, 2023

Final Manuscript Submission: 22 May, 2023

Tutorial Proposal Submission: 15 March, 2023

Tutorial Acceptance Notification: 31 March, 2023

CONFERENCE AWARDS

AWARDS

CASH PRIZES

BEST PAPER AWARDS

1. CONECCT Best Paper Award (Academia): INR 20,000 +Certificate
2. CONECCT Best Paper Award (Industry): INR 20,000 +Certificate

TRACK BEST PAPER AWARD (See the note below)

1. Track Best Paper Award(Academia): INR 4000+ Certificate, for each track
2. Track Best Paper Award(Industry): INR 4000+ Certificate, for each track

