IEEE Region 10

IEEE HYDERABAD SECTION

IEEE

10th IEEE Humanitarian Technology Conference – 2022

Theme - "Internet of Things (IoT) and Industry 4.0 – a world of engineering challenges"

(16-18 September 2022), Hyderabad

www.r10htc2022.org

IEEE R10 HTC (Conference id:54060) is a premier annual cross disciplinary conference that will bring together technologists, engineers, scientists, investors, representatives from NGOs, governments, academia, and industry. The conference will promote discussions and development of Electrical, Communication, Computing, Security and Disaster Relief areas to present results of recent advancements in technology in order to help improve the lives of the impoverished. It will have plenary talks, keynote addresses by reputed academicians, tutorials & workshops by domain experts, research paper presentations, events for Women in Engineering and Young Professionals. IEEE R10 HTC 2022, which is organized and hosted by IEEE Hyderabad Section, will be held in Hyderabad, 16-18 September 2022. The theme of the conference, "Internet of Things (IoT) and Industry 4.0 – a world of engineering challenges" is to draw special attention to the societal expectation on humanitarian technologies' ability to provide practical and lasting solutions.

CALL FOR PAPERS

We invite researchers, educators, managers and students to submit original contributions which may be conceptual, theoretical, or empirical. They should document research activity, case studies or best practices, shedding light on the theory or practice of engineering, technology, or innovation while addressing under the conference theme, **"Internet of Things (IoT) and Industry 4.0 – a world of engineering challenges".**

Major technology topics under the conference theme include (not limited to):

Track 1: Computational Intelligence and its Applications:

Algorithms , Architecture, Cryptography, Security, Data Mining, Embedded Systems, Pattern Recognition, Artificial Neural Networks and Machine Learning, Evolutionary computation, Fuzzy logic and many more.

Track 2: Medicine and Bioinformatics:

Biomedical Signal Processing, Biomedical Imaging, Biomedical & Health Informatics, Biomedical Engineering Education and Society, Translational Engineering for Healthcare Innovation and Commercialization and many more.

Track 3: Geoscience and remote sensing:

Economic and Social impacts over IoT-agro system, Active and passive microwave remote sensing, Lidar and laser scanning, Geometric reconstruction and many more.

Track 4: Smart technologies for sustainable solutions:

Cloud Computing, Computer System Engineering, Smart Education, Smart Agriculture, Audio and video systems and many more.

Track 5: Clean Technologies and Environmental Policy:

Science and engineering of technologies, and mathematical, recycle/reuse of material and energy and many more.

Track 6: Communication, Power and Energy systems:

Microwave/optical interactions, device technology, broadband cable applications of microwave photonics. Biomedical applications, Smart antennas, phased arrays and many more.

Important Dates

Paper Submission Opens:	**1 October 2021**
Paper Submission Deadline:	**15 February 2022**
Notification of Acceptance:	**1 April 2022**
Camera ready Paper:	**15 June 2022**
Registration:	**15 June 2022**

General Chairs

Amit Kumar, BioAxis DNA Research Centre, Hyderabad, TS, India

Deepak Mathur, Director, IEEE Region 10, Former CGM, ONGC, Gujarat