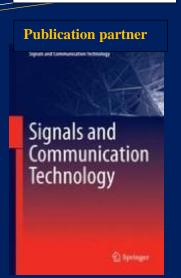# Second International Conference on Machine Learning, Deep Learning and Computational Intelligence for Wireless Communication - MDCWC 2023

22nd June to 24th June 2023 (Hybrid Event)

Publication partner

Signals and Communication Technology

MDCWC2023

mdcwc2023@nitt.edu

Organisers cum Editors

Dr.E.S.Gopi, Convener

esgopi@nitt.edu

Dr.P.Maheswaran,

Co-ordinator

mahes@nitt.edu

Motivation

Due to the availability of high speed computing system, there is the huge scope to still raise the standard of wireless communication in terms of massive connectivity, capacity enhancement, ultra-high reliability, low latency using Machine learning (ML), Deep learning (DL) and Computational intelligence (CI) algorithms. The conference aims in bringing out the wireless research community and machine learning research community to submit their findings integrating ML, DL and CI for wireless communication. About 50 top quality papers are expected to be presented in the Hybrid mode and is planned to publish the presented papers as the book in the series of Signals and communication technology (published by springer). The papers are grouped under one of the four category namely (a)Tutorial papers (b)Survey papers (c) Research articles (d) Data publications on MDCWC.

Key Note Speakers

Prof. Arumugam Nallanathan
Professor of Wireless Communications, FIEEE, FIET, CEng,
Web of Science Highly Cited Researcher
Founding Head of Communication Systems Research (CSR) Group
School of Electronic Engineering and Computer Science
Queen Mary University of London

Dr. Jithin Jagannath
Chief Scientist of Technology, ANDRO Computational Solutions, LLC
Founding Director of Marconi-Rosenblatt AI/ML Innovation Lab
Adjunct Assistant Professor,
Department of Electrical Engineering at the University at Buffalo
IEEE Senior Member | IEEE Region 1 Technological Innovation Awardee
AFCEA International Meritorious Rising Star Awardee
AFCEA 40 Under 40

Paper Submission:

Download template here
Submit the paper through easychair through the following link:
Phase I: Last date for paper submission: **30th March 2023**
Review status notification: **30th April 2023**
Phase II: Last date for paper submission: **21st April 2023**
Review status notification: **21st May 2023**
Number of pages restricted to 12 pages.
Attach the covering letter as the additional page at the beginning of the paper indicating contributing author's name, affiliation, type of paper (Tutorial paper, Survey paper, Research articles and Data publications)
Track 1: Machine learning, Deep learning and Computational intelligence algorithms
Track 2: Wireless Communication Systems
Track 3: Mobile data applications
Track 4: Hardware Realizations

Invited Talks

Dr. Narayanan C Krishnan, Head, Department of Data science, IIT Palakkad
Dr. Prabhat Kumar sharma, Department of ECE, VNIT Nagpur
Dr. Rahul mahram, Department of ECE, IIIT Allahabad
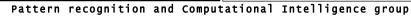**Dr. Swaminathan**, Department of ECE, IIT Indore

Workshop 1:

Mathematical foundations for Wireless communication and Machine Learning.
Speakers: 1.Dr. E. S. Gopi and Dr. P. Maheswaran.
Though this session is inclusive for Author registration and participant registration, exclusive registrations are floated for this session. **Rs.1000/-** will be charged for exclusive registration of this session.

Workshop 2:

Deep Learning based RF Signal Classification:
Hands-on (Will be launched based on the count of exclusive registrations for this workshop as on May 31st 2023).**Rs.1000/-** will be Charged to attend this workshop.

Review and Publication details:

Every submitted papers will be subjected to review by three reviewers (Single-blind review process will be executed) and all the accepted papers will be published as the proceedings published by Springer (Signals and Communication Technology (series is indexed by EI Compendex and Scopus databases). (Approved).

Submit paper

Nearby Tourist Attractions

Past Event

Pattern recognition and Computational Intelligence group

Department of Electronics and Communication Engineering

National Institute of Technology Tiruchirappalli

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