NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA

2nd International Conference on Computational Electronics for Wireless Communications – 2022

(ICCWC – 2022)

http://iccwc22.in/

June 09-10, 2022

Scopus®

Lecture Notes in Networks and Systems

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Important Dates:
- **Last date of paper submission: 05th February, 2022**
- **Notification of paper acceptance: 20th March, 2022**
- **Camera ready paper submission: 28th March, 2022**
- **Last date of early bird registration: 15th April, 2022**
- **Last date of registration: 28th April, 2022**

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Call for papers

The conference program will include prominent keynote talks and regular paper presentations in parallel tracks. The conference chairpersons, along with entire team cordially invites you to submit your latest original and unpublished research works/results in the field of Electronics and Wireless Communication and to take part in the upcoming conference to be held on June 09-10, 2022 at National Institute of technology Karnataka, Surathkal (India).

Proceedings of ICCWC-2022 will be published in Scopus indexed book series "Lecture Notes in Network and Systems".

Few outstanding Selected Papers from ICCWC-2022 will be published for the publication in a special issue in (Springer journals, SCIE and Scopus indexed) after thorough review (in process).

Original and unpublished papers are solicited in the following areas, but not limited to:

Track1: RF & Microwave
- Body Area Networks
- Unmanned Aerial Vehicle Networks
- RF Antenna Modeling and Design
- Microwave Compatibility
- Electromagnetic Interference
- Cognitive Communications
- Electromagnetic remote sensing
- THz integrated circuits and Design
- LTE and 5G RF Cell Design
- Software Defined Radio Networks
- RF and Photonics Devices
- Radio Frequency Identification Detection (RFID)
- Millimeter and Sub-millimeter wave circuits
- RF and Microwave imaging
- Machine and Deep Learning for RF and Microwave Applications

Track2: Signal Processing
- Signal Processing Algorithms and Architectures
- Biomedical Signal and Image Processing
- Analog and Mixed Signal Processing
- Hardware Implementation for Signal Processing
- Higher Order Spectral Analysis
- Image and Multidimensional Signal Processing
- Internet Signal Processing
- Quantum Signal Processing
- Signal Processing Over Graphs
- Sensor Array and Multichannel Signal Processing
- Industrial Signal Processing
- Machine and Deep Learning for Speech and Audio Signal Processing
- Machine and Deep Learning for Natural Image Processing
- Machine and Deep Learning for Remote Sensing Applications
- Machine and Deep Learning for Healthcare Applications
- Signal Processing for Communication & Networking

Track3: Micro and Nano Electronics
- VLSI Circuits and Systems
- RF Circuit Design / Analysis / Testing
- Emerging Trends in VLSI
- Reconfigurable Systems
- System on Chip
- Heat Distribution Analysis
- Design of MEMS / NEMS Devices
- Optical MEMS Devices
- Nanotechnology
- Photovoltaic
- Analog and Mixed Signal Design
- Field Programmable Systems
- System Level Design
- Physical Design and Testing
- Power Awareness Analysis
- Electrical Packaging
- Thin film and devices
- High Speed / Low power Circuits
- Nano Devices: Modeling and Simulation
- Light Emitters and Detectors
- Plasmonic Materials and Devices
- Nanomaterials
- Spintronics

Track4: Wireless Networks
- Unmanned Aerial Vehicle Networks
- 5G Networks and IoT
- Future Internet Architectures
- Disaster Recovery of Networks
- Mobile Networks
- Ad hoc and Mesh Networks
- Named Data Networking
- Network Performance Analysis
- QoS for Emergency Applications
- Reconfigurable intelligent surfaces
- Real-time Systems and Networks
- Context and location-aware wireless services and applications
- User-centric networks and adaptive services
- Dynamic sensor networks for urban applications
- Wireless emergency and security systems
- Small Cells and femtocell Networks
- Wireless mesh Networks
- Vehicular Wireless Networks
- Cognitive Radio Networks
- Underwater Wireless Networks
- mm Wave Wireless Networks
- Software-defined Wireless Networks
- Reconfigurable Wireless Networks
- Satellite-based mobile access and backhaul
- Testbed and prototype implementation of Wireless services
- Machine and Deep Learning for Wireless Communication and Computing
- Green Communication Systems and Network
- Optical Networks and Systems

Delegates	Indian (INR)	International (USD)
Students/ Research Scholars	5000	150
Faculty from Academics	8000	250
Delegates from Industry	10000	400
Attendee	3000	100

*One additional paper per author/presenter shall be charged 3000 INR for participants from INDIA and 100 USD for International participants.

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