



Call for Papers



International Conference on Communication, Devices and Computing (ICCDC 2017)

November 2-3, 2017

Organized by

Department of Electronics & Communication Engineering,
Haldia Institute of Technology, Haldia, West Bengal, India

The 1st International Conference on Communication, Devices and Computing (ICCDC 2017) will be held in Haldia, India during November 2-3, 2017. It aims to provide a unique forum for Research Engineers, Scientists, Industrialists, Scholars and Students together from in and around the globe to present the on-going research activities and hence to encourage research interactions between academic institutes and industries. This conference provides opportunities for the delegates to exchange new ideas and experiences to establish research relations and to find global partners for future collaboration. The conference will have Invited Talks and Research paper presentations. The invited talks will be delivered by renowned experts. The proceedings of the conference will be published by **Springer LNEE Book Series**.

Conference Tracks:

The conference seeks original contributions in the area of **Communication, Devices and Computing** or related fields. The topics are as follows but are not limited to :

Communication

5G Communication
Next-generation WiFi
Spread spectrum systems
Satellite and high altitude platforms
Radio over fiber techniques
Wireless sensor networks
Modulation & diversity technique
Ad-hoc and mesh networks
Cognitive radio networking
Signal processing for secure communication
Millimeter wave & terahertz communication
Design, control and management of optical network
Error control coding and information theory
Printed antennas
Performance analysis of wireless network
Smart antennas and space time processing
Laser and photonics components
RFID and its application on cooperative and relay-aided network

Analog & Digital signal processing for communication system
Frequency selective surfaces
Radar communication
Microwave Passive components
Substrate Integrated waveguide
High speed optical LANs and gigabit Ethernet

Devices

CMOS Processes, Devices and Integration
Emerging Non-CMOS Devices & Technologies
Device Modeling & Simulation
Carbon nanotube for VLSI design
Devices with New material systems
Analog and RF mixed signal design
Devices for Low power applications
Embedded Systems architecture
Multigate/FDSOI device
Low dimensional devices
Design and Simulation of Circuits with nanoscale devices
MEMS, Sensors & Display Technologies

Advanced & Emerging Memories
FPGA based hardware design
Application of embedded systems
Digital and analog circuits
Physical design and circuits using non-silicon material
Organic materials for electronic circuits

Computing

Artificial Intelligence (AI)
Bio-inspired Computing
Bioinformatics and Scientific Computing
Business Computing, Business Intelligence
Evolutionary Computing
Expert Systems
Fuzzy Logic
Intrusion Detection and Security Intelligence
Machine Learning
Optimization
Pattern Recognition
Swarm Intelligence

Submissions:

Author(s) should submit his/her original and unpublished work, not submitted for publication elsewhere (copyright problems fall entirely under responsibility of the authors). Paper must be written in good English. Accepted submissions may not appear in any other Conference or workshop with proceedings. The submission must be anonymous without author name(s), affiliation(s), acknowledgements, or obvious references. It should begin with a title, a short abstract, and a list of key words and its introduction should summarize the contributions of the paper.

The paper should be at most 8 pages total using at least 11-point font and reasonable margins. The authors are encouraged to prepare their submission in Latex through guideline (updated soon). Submitted papers must be in PDF format and should be submitted electronically. One registration is compulsory against each accepted paper. Author(s) must submit full version of their papers in PDF through the following submission link:

<https://easychair.org/conferences/?conf=iccdc2017>

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Important Dates:

Last date for Paper submission	30th June, 2017 17th July, 2017
Intimation of Acceptance	15 th September, 2017
Camera ready paper submission and registration	12 th October, 2017

Registration fees:

Category	Indian	Foreign
Academia	INR 5000	USD 150
Industry	INR 6000	USD 200
Full time research scholar	INR 4500	USD 100



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