

# 5<sup>th</sup> International Symposium on Devices, Circuits and Systems

organized by

Indian Institute of Engineering Science and Technology, Shibpur (Kolkata), India

in collaboration with

Hiroshima University, Hiroshima, Japan

(<http://www.isdcs.iests.ac.in>)

March 29-31, 2022



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ISDCS 2022 focuses on the recent innovation of Devices, Circuits and Systems to highlight the strong foundation in methodology and the integration of multidisciplinary approaches. The scientists, researchers and engineers are globally innovating to change the way in which devices and circuits are understood, optimized, and leveraged in a variety of systems and applications. The theme for the conference this year is “**Emerging Electronic Devices, Circuits and Systems**”. This three- day conference comprises of Pre-Conference Workshop on first day (March 29, 2022), followed by the main conference during the last two days (March 30-31, 2022). Workshop focuses on the detailed discussion on the recent development in the area of Devices, Circuits and Systems.

Original contributions are solicited on topics covered under broad areas such as (but not limited to):

- Device Physics and Modeling
- Nano-Structures Based Devices and Its Application
- Power Electronic Device, Circuits and Systems
- Photonics and Optoelectronics
- Embedded Devices (Logic + Memory- Memristor Based)
- Beyond CMOS: Nano Devices, Circuits & Hybrid Systems
- Analog / Mixed Signal Circuits &Systems
- Neural Networks & Neuromorphic Circuits and Systems
- Visual Communications & Multimedia Signal Processing
- Internet of Things Circuits and Systems
- Algorithms and Circuit for AI and Machine Learning
- Communications Circuits & Systems
- Cyber Physical System (CPS)
- EDA Methodologies
- Hardware Security
- 3D IC Design and Test
- Biomedical Circuits &Systems
- Digital Circuits &Systems
- Digital Signal Processing
- Nonlinear Systems & Circuit Theory
- Sensory Circuits &Systems
- Photonics and Renewal Energy
- MEMS/MOEMS
- Test and Verification

Submission link: <https://cmt3.research.microsoft.com/ISDCS2022>

The ISDCS '22 Program Committee invites original, unpublished paper submissions on the above topics. It is planned to publish the peer reviewed and selected papers of conference as proceedings with Springer in their prestigious “Lecture Notes in Electrical Engineering” series (<https://www.springer.com/series/7818>). The final camera-ready copy of the papers must be in Springer LNEE format with a length of **maximum 15 pages**. Check [Author Guidelines](#) in Springer for formatting the camera-ready article. Selected papers from the conference will be published by Springer as a proceedings book volume. The submission will be considered evidence that upon acceptance the author(s) will submit a final camera-ready version of the paper for inclusion in the proceedings, and will present the paper at the symposium. Each accepted contribution must have at least one full paid registration by the time the camera-ready paper is submitted for inclusion in the proceedings. ISDCS reserves the right to remove from proceedings papers not presented at the symposium.

## Key Dates:

Submission deadline : 31<sup>th</sup> January 2022  
Notification of acceptance : 28<sup>th</sup> February 2022  
Camera ready manuscript : 15<sup>th</sup> March 2022

# ISDCS

## Call for Papers

For any query contact: [contact.isdcs2022@gmail.com](mailto:contact.isdcs2022@gmail.com)

