



ICEdge

1st IEEE International Conference on
Intelligent Computing and Systems
on the Edge

IISc Bangalore, India

December 18-20, 2025

<https://icedge.org>



The tremendous progress in Artificial Intelligence (AI) and Internet of Things (IoT) technologies has opened up fresh possibilities for innovation and enhanced system-level efficiency across diverse vertical spaces in the technologies involved. The confluence of intelligence, pervasiveness, and energy efficiency, fueled by artificial intelligence of things (AIoT), is paving the way for a new era of intelligent systems capable of real-time sensing, processing, energy-efficient secure communication and actuation, eventually resulting in improved system-level decision-making and resource optimization at the Edge. This Conference on Intelligent Computing and Systems at the Edge seeks to unite researchers, practitioners, and industry experts to exchange their most recent discoveries, experiences, and insights in the exciting domain of AIoT and System Development at the Edge.

CALL FOR PAPERS

Important Dates

May 15	Portal Opens for Manuscript Submissions
July 15	Submission Portal Closes
August 30	Author Notifications
September 20	Camera Ready Versions Due

Tracks

Track 1: Devices and Circuits for Edge Applications
Track 2: Systems and Architectures at the Edge
Track 3: EDA Tools, Systems and Software for Edge AI
Track 4: Emerging Technologies and Applications at the Edge
Track 5: Security and Privacy at the Edge
Track 6: Industrial Design and Applications
Full list of Tracks is available at:
<https://icedge.org/>

The top selected papers will be invited to journal version in the IEEE Design & Test.

General Chairs:

Swarup Bhunia, University of Florida;
Arindam Basu, City University of Hong Kong

Program Chairs:

Debayan Das, IISc Bangalore; Baibhab Chatterjee, U. of Florida; Akhilesh Jaiswal, U. of Wisconsin-Madison

Contact:

icedgeconference@gmail.com

