COINS 2020

IEEE International Conference on Omni-layer Intelligent systems

Track Name: EDA in the AI and IoT Era

July 27-29, 2020
Barcelona, Spain
https://coinsconf.com

Call for Papers

Electronic Design Automation (EDA) ecosystem plays a crucial role in the development of intelligent solutions: from connected smart IoT devices to Cloud-based Big Data Analytics Systems. The EDA track of COINS provides a central location for all members of the ecosystem to connect, share, learn and witness cutting edge research in all areas of development for EDA in IoT, Artificial Intelligence, and Big Data Analytics sectors. This track encourages original and high-quality submissions related to one or more of the following topics (but not limited to):

1) System Design, High-Level Synthesis and Optimization
2) Machine Learning in EDA Methodologies
3) High-Level, Behavioral, and Logic Synthesis and Optimization
4) Device Modeling, System Simulation and Validation
5) Design for Reliability and Manufacturability
6) Formal Methods and System Verification
7) Cell-Library Design, Partitioning, Floor-planning, Placement
8) Clock Network Synthesis, Power Delivery Network Design, Routing, and Post-Layout Optimization and Verification
9) Design and Test for Analog and Mixed-Signal Systems and Circuits
10) Power Modeling, Optimization and Low-Power Design
11) Temperature and Variability Aware Design and Optimization
12) EDA for Biological/Brain Inspired Systems and Electronics
13) CAD for Cyber-Physical Systems

Organizing Committee

Track Chairs

Aida Todri-Sanial, *CNRS-LIRMM /University of Montpellier, France*

Yuanqing Cheng, *Beihang University, China*

Key Dates

March 06 — Submission of Regular Papers and Special Session Papers **March 06, 2020**

May 06 — Notification of Paper Acceptance **May 06, 2020**

May 16 — Camera-Ready Submission **May 16, 2020**

IEEE Robotics & Automation Society

CAS IEEE CIRCUITS AND SYSTEMS SOCIETY

IEEE ComSoc IEEE Communications Society

CEDA® IEEE Council on Electronic Design Automation