

2nd International Conference on Embedded and Distributed Systems

November 2-3, 2020

<https://www.univ-oran1.dz/edis2020/index.html>
Easychair CFP: <https://easychair.org/cfp/EDiS2020>

Oran, Algeria



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IMPORTANT DATES

Extended submission deadline:
January 01, 2020 January 20, 2020
Notification of acceptance :
March 05, 2020
Final version (Camera ready) :
March 14, 2020
Conference :
November 2-3, 2020

Distributed, embedded, parallel computing and recently IoT with other concepts make it possible to realize all aspects of our daily lives. From smart cars to smart homes, smart cities, smart factories, smart health and smart environments. While the IoT has greatly expanded the possibilities to meet many of our needs, several challenges still need to be addressed in order to develop intelligent, coherent, responsive, safe, flexible and energy-efficient systems. To enable this transformation and to better understand the untapped opportunities, the IoT's interdisciplinary landscape requires a large number of significant technological advances in hardware and software communities to come together and put their efforts into synergy.

EDiS'2020 focuses on new multi-layer techniques for intelligent IoT systems, identifying new perspectives and highlighting research problems and challenges. In particular, this conference addresses all important aspects of new IoT technologies, from devices connected to Edge/Fog, cloud and applications, manufacturing, hardware, CMOS devices and beyond CMOS, architecture, embedded systems, reconfigurable hardware, network, etc. cloud, artificial intelligence and artificial learning, big data, emerging applications, and man-machine interaction.

EDiS'2020 also discusses the problems associated with achieving the goal of accuracy, confidentiality, reliability and security. EDiS'2020 event which lasts two days consists of set of conferences with the main speakers, regular papers, posters, panels, etc.

SCOPE AND TOPICS OF INTEREST INCLUDE (BUT NOT LIMITED TO):

- Embedded and Real-time systems (ERTiS)
- New Trends in Information and Computing Technology (ICT)
- Parallel, Distributed Computing and Communication Networks (PDCN)
- Network on Chip (NoC)
- Multi-Objective Optimization with Metaheuristics (MOM)
- Modelling and Simulation (MS)
- Artificial Intelligence and Machine learning in Embedded systems
- Internet of Things (IoT)

PAPER SUBMISSION

The language of the conference is English, so all submitted manuscript must be in English. All papers must be original and not simultaneously submitted to another journal or conference. Papers must not exceed 6 pages in double column 10pt format. Templates for LaTeX can be found here: https://www.ieee.org/conferences_events/conferences/publishing/templates.html To submit a paper, please visit Easychair conference page: <https://easychair.org/conferences/?conf=edis2020>. Direct your questions to program chairs at: lapeci.edis.2020@gmail.com. A selection of the best papers will be invited to submit an extended version to the special issue of International Journal of High Performance Systems Architecture <https://www.inderscience.com/jhome.php?jcode=ijhpsa>

The conference will be held at the university of Oran 1, S. M. Taleb campus (ex-IGMO).

