

COINS 2020

IEEE International Conference on Omni-layer

Intelligent systems

Track on Advancement in IoT OSs:

Opportunities, Challenges, and Solutions

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



Call for Papers

Internet of Things (IoT) is flourishing due to key technology advancements. Availability of IoT Operating Systems (OS) with standardized protocols is key to accelerate the IoT adaptability. IoT OSs has to support heterogeneous hardware and provides interoperability among different IoT OSs. Considering the limited resources of IoT hardware, solutions should be memory and energy efficient. Through this track, we invite researchers from industry, academia and government organizations to discuss innovative ideas and contributions on the IoT OSs and related areas. Topics of interest include, but not limited to the following


- Energy and memory efficient approaches for IoT OSS
- Resource Management for IoT OSs
- IoT OSs Protocols overview, issues and solutions
- Security issues and solutions for IoT OSs
- Co-existence of IoT Technologies, limitations and solutions
- Simulator/Emulator issues and improvements for IoT OSs
- Machine learning based solutions for IoT OSs
- Smart energy, home, transportation, healthcare, education, city
- Data science for IoT


Key Dates

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

 Submission of Special Sessions proposal
Nov. 21, 2019

 Notification of Paper Acceptance
May 06, 2020

 Notification of Proposal Acceptance
Nov. 30, 2019

 Camera-Ready Submission
May 16, 2020

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