



# CALL FOR PAPERS

**ICESDES 2020**  
**Apr 23-24, 2020**  
**London, United Kingdom**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICESDES 2020 : International Conference on Embedded Software Design and Embedded Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Embedded Software Design and Embedded Systems. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

- Embedded software engineering
- Embedded software design
- Embedded software development process and tools
- Design and implementation of embedded software
- Formal modeling and verification
- Testing and validation
- Model- and component-based software design and analysis
- Software architectures for embedded systems
- Software and technologies for safety and mixed critical systems
- Programming languages and compilers
- Parallel programming and software for multi- and manycore systems

- Software frameworks for cyber-physical systems
- Scheduling and execution time analysis
- Operating systems and middleware
- QoS management and performance analysis
- Hardware-dependent and energy-aware software and interfaces
- Distributed, networked embedded systems
- Security of embedded software
- Embedded control and communication
- Empirical studies and their reproduction, and confirmation
- Application areas, e.g., automotive, avionics, energy, health care, mobile devices, multimedia