

## ABOUT ESAI'19

The Organizing Committee has the pleasure to invite you to join the 1st international conference on Embedded Systems and Artificial Intelligence (ESAI'19), which will be held in Faculty of Sciences, Dhar El Mahraz, Sidi Mohammed Ben Abdellah University -Fez- Morocco. The aim of this Conference is to encourage new research purposes and advances in the theme of Computer Science, Artificial Intelligence, Information Technologies and Embedded Systems and to promote the cooperation between scientists and industrial heads to discuss the latest developments and innovations at one common platform. Original and high quality contributions related to this theme are solicited, including theories, applications and experiments.

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## 1<sup>st</sup> International Conference on Embedded Systems and Artificial Intelligence ESAI'19

May 02-03, 2019  
Fez - Morocco



<http://www.esai19.com>

### Publication of Springer Proceedings Books of ESAI'19:

All accepted and registered papers under this conference (ESAI-2019) will be published in Springer, Advances in Intelligent Systems and Computing (AISC) Series. **Now indexed by ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink.**  
<http://www.springer.com/series/11156>



Springer



## LIST OF TOPICS

### Artificial Intelligence (AI) and its Prospective Applications in Areas of:

- Circuits and Systems for AI
- Image, Video and Speech Processing
- Bayesian Learning and Signal Processing
- Agents and Multi-Agent Systems
- Fuzzy and Expert systems
- Neural Networks and Computational Neuroscience
- Supervised, Unsupervised, and Reinforcement learning
- Bioinformatics, Brain imaging and neural information processing
- Machine and Deep learning
- Evolutionary Computing algorithms
- Audio-Visual speech recognition
- Natural language processing (NLP)
- Big Data, Data Mining, Knowledge Representation
- Smart Wireless Sensors and Systems
- Smart Grids, Cryptography, Security and Wireless Network Technologies
- Mobile, Cloud Computing and Virtualization
- Serious Games

### Embedded Systems (ES) Applications Developments in Areas of:

- Tools and Platforms for AI
- Hardware Accelerators
- Architecture for AI Computing Systems
- Edge and Cloud based AI Computing Platforms
- Distributed Embedded Computing
- Neuromorphic Processors
- ICT Hardware Designs
- Reconfigurable Systems
- Hardware/Software co-design and Design automation for AI systems
- Stand-alone Embedded Systems
- Real-Time Embedded Systems
- Networked Embedded Systems
- Mobile Embedded Systems
- Embedded Systems in Automobiles and in telecommunications
- Embedded Systems in Smart Cards, Missiles and Satellites
- Embedded Systems in Peripherals and Computer Networking
- Embedded Systems in Consumer Electronics
- Intelligent Sensors and Sensor Networks
- IoT based Designs
- Mechatronics
- Signal and Systems: Modeling & Automation
- Embedded based RF Circuits
- Medical Electronics & Circuits

## IMPORTANT DATES

PAPERS SUBMISSION DEADLINE **25 March 2019**

ACCEPTANCE NOTIFICATION **05 April 2019**

REGISTRATION AND CRC SUBMISSION **15 April 2019**

### CONTACT DETAILS

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### WEBSITE

<http://www.esai19.com>

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