



1 st International Conference on Intelligent Systems and Devices (IC2ISD'20) | Catania-Italy, June 24-26, 2020

Important Dates

Invited session proposal deadline:

February 15, 2020 23:59 CET

Paper Submission Opening:

March 1, 2020 23:59 CET

Final Submission Deadline:

April 1, 2020 23:59 CET

Assignment of Reviewers:

March 2, 2020 23:59 CET

Final Review deadline:

April 10, 2020 23:59 CET

Decision: April 15, 2020 23:59 CET

Final paper upload: May 1, 2020 23:59 CET

Scope

The aim of IC2ISD'20 is to provide a forum for discussing the state of the art and the recent advances and challenges in the Intelligent Control Systems and Devices. Such systems represent key issues in the implementation of Industry 4.0 fields such as robotics, bio-inspired systems, smart grids, smart cities, smart houses, and precise agriculture. Huge Capacities and high performances in control security, connectivity, remote monitoring and management are needed to learn about intelligent systems, smart devices and networked structures.

The control of such systems is a very challenging task and requires the integration of classical and innovative methodologies.

Both theoretical and application-oriented papers on various aspects of conventional and intelligent control, intelligent systems and devices, computational intelligence, data analysis, uncertainty, sensing and data processing, diagnostic and prognostic, process monitoring and cyber-physical systems are required.

The conference will be the occasion for researchers coming from different fields to interact on innovative topics and the opportunity for them to cross-fertilize their own research.

Topics For Discussion

- Intelligent control
- Smart Adaptive devices
- Predictive and Robust Control
- Networked system Controls
- Identification and Estimation
- Intelligent signal processing
- Intelligent and integrated sensing
- Robotics Computational intelligence
- Process monitoring
- Systems Industrial IoT Smart Grid
- Smart cities Home and building automation
- Precise agriculture Bioinspired systems
- Environmental systems

Program Chairs

Prof. Riccardo Caponetto
Prof. Sami Ben Slama
Prof. Maria Gabriella Xibilia
Prof. Bassam Zafar

Special Session Chair

Prof. Maria Gabriella Xibilia

Call For Papers

We are pleased to invite you to submit original contributions to SEAHF 2020 via the Official Submission System (Springer OCS). Submissions can include technical, experimental, theoretical, and conceptual or survey papers. All submissions will be peer-reviewed based on relevance, originality, importance and clarity.

Prof. Antonio Puliafito :
full professor of computer engineering
at the University of Messina
"Software defined cities: services
and applications"



Prof. Cesare Fantuzzi :
Full Professor in Industrial
Automation and Robotics University
of Modena and Reggio Emilia, Italy
"Cooperative robots: imitating or replacing humans"