



SEAHF 2020



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



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

IC2ISD'20 aims to provide a forum for discussing the state of the art and the recent advances and challenges in the control of Intelligent systems and Devices. Such systems represent key issues in the implementation of Industry 4.0, robotics, bio-inspired systems, smart grids, smart cities, smart houses, and precise agriculture, just to mention a few. Intelligent systems, smart devices and, networked structures need the capacity to learn from experience and adapt to current data, still maintaining good performance as regards control, security, connectivity, remote monitoring, and management. 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 invited. The conference will be the occasion for researchers coming from different fields to interact on innovative topics and will give the opportunity to cross-fertilize their own research. The topics covered by IC2ISD'20 include, but are not limited.

Topics For Discussion

Intelligent control
Smart devices
Adaptive, predictive and robust control
Control of networked systems
Identification and estimation
Intelligent signal processing
Intelligent and integrated sensing
Robotics
Computational intelligence
Process monitoring
Sensor networks
Cyber-Physical 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 IC2ISD 2020 via the Official Submission System (Springer OCS).

Submissions can include technical and experimental theoretical, conceptual, or a survey papers.

All Submissions will be peer-reviewed on the basis of 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"



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