



The 17th IEEE International Conference on Control & Automation

IEEE ICCA 2022

ieee-icca2022.org
June 27–30, 2022, Naples, Italy

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IEEE Control Systems Chapter, Singapore

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IEEE Control Systems Society Italy Chapter

IEEE Robotics and Automation Society Italy Chapter

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Call for Papers

The 17th IEEE International Conference on Control & Automation (IEEE ICCA 2022) will be held Monday through Thursday, June 27-30, 2022, in Naples, Italy. The conference is organized by IEEE Control Systems Chapter, Singapore, and technically co-sponsored by IEEE Control Systems Society, IEEE Control Systems Society Italy Chapter, and IEEE Robotics and Automation Society Italy Chapter. It aims to create a forum for scientists and practising engineers throughout the world to present the latest research findings and ideas in the areas of control and automation, and possible contributions toward sustainable development and environment preservation. **The conference is featured with Best Paper Award and Best Student Paper Award.**

Keynote speakers:

Prof. Andres Rantzer (Lund University, Sweden),

Prof. Bruno Siciliano (Università degli Studi di Napoli Federico II, Italy), and

Prof. Wei Kang (Naval Postgraduate School & University of California - Santa Cruz, USA)

Naples (Italian: Napoli) is the capital of Campania region in Italy. The city is the third most populated municipality of Italy. It was founded between the 7th and 6th centuries BC by the Greeks and was named Neapolis, which means new city. The historic centre of Naples has earned the UNESCO Worlds Heritage Site denomination. It has one of the biggest historical city centres in the world, including 448 monumental churches, the highest number in the world for a single city, and centuries of important art and architecture. Nearby is Mount Vesuvius, the still-active volcano that destroyed nearby Roman town Pompeii.

Topics of interest include but not limited to

- Modeling and Control of Complex Systems
- Linear Systems
- Robust and H_∞ Control
- Nonlinear Systems and Control
- Fuzzy and Neural Systems
- Estimation and Identification
- Fault Detection and Diagnostics
- Process Control & Instrumentation
- Motion Control
- Flexible Manufacturing Systems
- Integrated Manufacturing
- Factory Modeling and Automation
- Petri-Nets and Applications
- Micro and Nano Systems
- Sensor Networks
- Networked Control
- Control of Smart Power Delivery Systems
- Control of Distributed Generation Systems
- Optimal Control
- Discrete Event Systems
- Adaptive Control
- Learning Systems
- Intelligent and AI Based Control
- Real-time Systems
- Sensor/data Fusion
- Robotics
- Automated Guided Vehicles
- Control Education
- Control Applications
- Process Automation
- Man-machine Interactions
- Smart Structures
- Smart Buildings
- Energy Efficiency
- Multi-agent Systems
- Signal Processing

Submission of Papers

Regular papers in the full version should be submitted online at the conference website at <http://ieee-icca2022.org/>. General inquiries should be addressed via email inquiries@ieee-icca2022.org to the Program Chair, **Prof. Lin Zhao**. Proposals for invited sessions are also solicited and should be submitted to the Program Chair, **Prof. Lin Zhao**.

Deadline for Manuscript Submission: January 15, 2022

Notification of Acceptance: March 15, 2022

Submission of Final Manuscripts: April 15, 2022

