



CALL FOR PAPERS - MED 2021

# 29<sup>th</sup> Mediterranean Conference on Control and Automation

JUNE 22 – 25 2021, PUGLIA, ITALY, <http://med2021.poliba.it>

## ORGANIZING COMMITTEE

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Mariagrazia Dotoli, Polytechnic of Bari

### General co-Chair

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Elisa Franco, University of California at Los Angeles

### Local arrangements Chair

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### Invited session Chairs

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Mara Tanelli, Polytechnic of Milano

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Federica Pascucci, University of Roma Tre

### Publications and publicity Chairs

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The **29<sup>th</sup> Mediterranean Conference on Control and Automation (MED 2021)** will be held on June 22-25, 2021 in charming *Puglia (or Apulia), Italy. Puglia is a little slice of idyllic, sun-kissed Italia on the Adriatic sea coast.* An important economic center in Southern Italy, it is also a bridge between west and east with a multi-cultural, open and friendly community.

**MED 2021** will focus on *smart cities and smart systems* and will include tutorials and workshops, a technical program of presentations, keynote lectures and social events. It offers a great opportunity for academics, researchers, and industrial players working in control and automation to network together, present research progress and address new challenges. The conference will include a wide range of topics on systems, automation, robotics and control including theory, hardware, software, communication technologies and applications to smart grids, intelligent buildings, smart mobility, healthcare, factory 4.0, cyber-physical systems, etc.

## TOPICS OF INTEREST

<b>Adaptive control</b>	<b>Fault-tolerant control</b>	<b>Network controlled systems</b>
<b>Aerospace control</b>	<b>Formation control</b>	<b>Non-linear control</b>
<b>Agents/agent-based systems</b>	<b>Fuzzy cognitive maps</b>	<b>Optimization</b>
<b>Assistive Technology</b>	<b>Genetic/evolutionary computation</b>	<b>Optimal control</b>
<b>Automotive control</b>	<b>Guidance</b>	<b>Power systems</b>
<b>Autonomous systems</b>	<b>Health related topics</b>	<b>Predictive control</b>
<b>Biologically inspired systems</b>	<b>Human machine interaction</b>	<b>Prognostics and diagnostics</b>
<b>Building automation</b>	<b>Hybrid systems</b>	<b>Real-time control</b>
<b>Cognitive systems and control</b>	<b>Industrial automation</b>	<b>Robust control</b>
<b>Control theory</b>	<b>Internet of Things</b>	<b>Smart grids</b>
<b>Control in business/economics</b>	<b>Integrated control and diagnostics</b>	<b>Smart cities</b>
<b>Computer-controlled systems</b>	<b>Intelligent control</b>	<b>Smart logistics and mobility</b>
<b>Cyber-physical systems</b>	<b>Intelligent transportation systems</b>	<b>Soft computing</b>
<b>Communication systems</b>	<b>Interpolating control</b>	<b>Societal systems</b>
<b>Deep learning in control</b>	<b>Linear systems</b>	<b>Swarms and Robotic teams</b>
<b>Discrete event systems</b>	<b>Manufacturing</b>	<b>System identification</b>

## SUBMISSION DETAILS

**PAPERS:** All papers must be submitted electronically by January 15, 2021 through Papercept. The paper format must follow IEEE paper submission rules: 2 column layout, 10 pt. Times New Roman font. The maximum number of pages per paper is 6. Additional pages, up to a maximum of 2, will be charged. All papers will be peer reviewed and acceptance notified by March 18, 2021. Accepted papers are to be uploaded electronically by April 15, 2021.

**PRESENTATION ONLY PAPERS:** All papers must be submitted electronically by January 15, 2021 through Papercept. The paper format must follow IEEE paper submission rules: 2 column layout, 10 pt. Times New Roman font. The maximum number of pages per paper is 4. All papers will be peer reviewed and acceptance notified by March 18, 2021. Accepted papers are to be uploaded electronically by April 15, 2021. The presentation only papers will not be published in the proceedings.

**INVITED SESSIONS:** A statement describing the motivation and relevance of the proposed session, invited paper titles, and author names must be sent by e-mail to the Invited Session Chairs by December 31, 2020. Authors must then submit electronically full versions of the invited papers through Papercept by the common deadline of January 15, 2021.

**TUTORIALS/WORKSHOPS:** Proposals for tutorials or workshops should contain the title of the session, the list of speakers, and extended summaries (2000 words) of the presentations. Proposals for review must be sent by e-mail to the Tutorial and Workshop Chair by December 10, 2020.

## IMPORTANT DATES

**December 10, 2020:** Tutorial/ Workshops proposals due.

**December 31, 2020:** Invited sessions proposals due.

**January 15, 2021:** Regular, invited, and presentation only papers due.

**March 18, 2021:** Notification of acceptance/rejection.

**April 15, 2021:** Final submissions due.

**June 22-25, 2021:** Conference dates.

## VENUE

### The Nicolaus Hotel

Via Cardinale Agostino Ciasca, 27  
70124 Bari BA, Italy

<https://www.thenicolaushotel.com/>

*“Puglia is a treasure trove of art, history, and nature. A land of sun and hospitality ... centuries of history and a range of charming landscapes ... a unique destination, where to enjoy some truly unforgettable experiences.”*

*The official Puglia Region tourism portal ([viaggiareinpuglia.it](http://viaggiareinpuglia.it))*



For further information visit the website <http://www.med2021.poliba.it> or contact [med2021@poliba.it](mailto:med2021@poliba.it)



Mediterranean Control Association



Italian Society of Automation  
Professors and Researchers



IEEE Control Systems Society



IEEE Robotics and Automation Society  
Pending Co-Sponsor



IEEE Systems, Man, and Cybernetics Society