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CALL FOR PAPERS

SPECIAL SESSION ON

"Intelligent Systems and Technologies for Advanced Manufacturing"

for CODIT'20

June 29 - July 2, 2020 ▪ Prague, Czech Republic

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Session Co-Chairs:

Annalisa Milella, *Institute of Intelligent Industrial Systems and Technologies for Advanced Manufacturing (STIIMA-CNR), Italy*

Antonio Petitti, *Institute of Intelligent Industrial Systems and Technologies for Advanced Manufacturing (STIIMA-CNR), Italy   - email: antonio.petitti@stiima.cnr.it*

Roberto Marani, *Institute of Intelligent Industrial Systems and Technologies for Advanced Manufacturing (STIIMA-CNR), Italy*

Gianluca Rizzello, *Department of Systems Engineering and Department of Material Science and Engineering (Saarland University), Germany*

Session description

The term Advanced Manufacturing refers to the use of innovative technologies to improve products and processes. The main requirements are related to the possibility of making manufacturing systems adaptive, fully connected, analytical and more efficient. In this context, intelligent systems and technologies play a key role. The objective of this session is to promote a constructive discussion on the state-of-the-art enabling technologies, with the aim of outlining future perspectives for advanced manufacturing.

The topics of interest include, but are not limited to:

- Artificial Intelligence for Advanced Manufacturing

- IoT-Robotics Systems for Industry

- Intelligent Decision-support Systems

- Smart Manufacturing Systems

- Distributed estimation strategies for Cyber-Physical Systems

- Energy-aware production processes

- Innovative control strategies for the circular economy

- Novel Multi-functional Actuators

- Innovative Sensor Components

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **January 24, 2020:** **http://controls.papercept.net/conferences/scripts/start.pl**. In PaperCept, click on the **CoDIT 2020 link "Submit a Contribution to CoDIT 2020" and follow the steps.**

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

January 24, 2020: deadline for paper submission

April 10, 2020: notification of acceptance/reject

May 7, 2020: deadline for final paper and registration