



8TH International Conference on Control, Automation, and Diagnosis



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May 15-17, 2024
Paris, France

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CALL FOR PAPERS SPECIAL SESSION ON

Automated Planning and Scheduling for Digitalized Industries

for ICCAD'24

May 15-17, 2024, Paris-France

Session Co-Chairs:

- Dr. Saif Ullah, Associate Professor, Department of Industrial Engineering, University of Engineering and Technology, Taxila, Pakistan (saifullah47@yahoo.com, saif.ullah@uettaxila.edu.pk)
- Prof. Dr. Mirza Jahanzaib, Professor/Chairman, Department of Industrial Engineering, University of Engineering and Technology, Taxila, Pakistan (Jahan.zaib@uettaxila.edu.pk)

Session description:

This special session deals with the problem of advance planning and scheduling at different decision levels in manufacturing and service industries. This session is aimed to show the research work in the field of automated planning and scheduling for digitalization of decision making process in different industries including manufacturing, healthcare, transportation and process industries etc.

The goal of this session is to showcase different type of planning and scheduling problems which are initialized in different industries transforming towards digital industries through cyber physical systems, IOT, Industry 4.0 and digital twins concepts keeping in view the classical and basic theories of systems engineering.

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

- Data Driven Planning and Scheduling of Systems
- Advance Planning and Scheduling (Higher level planning, Medium level planning, Lower level planning) in Manufacturing and Service Systems including production industries and healthcare industries etc
- Multi-Level Planning and Scheduling Manufacturing and Service Systems including production industries and healthcare industries etc
- Modeling and Simulation of Manufacturing and Service Systems
- Modeling and Optimization of Systems
- Digital Twins and Simulation Based Optimization of Systems
- Digitalization and Control of Systems/Processes through AI and Machine Learning
- Operations Research
- Digital Supply Chains of Production and Service Systems

SUBMISSION

Papers must be submitted electronically for peer review by: **December 15, 2023**

<https://www.iccad-conf.com/submission/>

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).