



18th IFAC CONFERENCE on PROGRAMMABLE DEVICES and EMBEDDED SYSTEMS - PDES 2024

Organized by



Department of Control and Instrumentation
Faculty of Electrical Engineering and Communication
Brno University of Technology
Czech Republic

In cooperation with



Brno, Czech Republic
June 19th – 21st, 2024



<http://pdes-conference.eu>
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Aim and Scope

The conference organized by the Department of Control and Instrumentation of the Faculty of Electrical Engineering and Communication, Brno University of Technology is considered to be a continuation of previous PDES conferences.

The main goal of the conference is to provide a forum to present the latest research results and experiences in the area of the design and application of programmable devices and systems and a forum to discuss the current status and future trends of this particular branch of applied electronics in control and information technology.

Conference Fees

For ALL participants:

- Late Registration Fee 350 € (till June 19th 2024)
- Registration Fee 300 € (till May 17th 2024)
- Early Registration Fee 250 € (till April 30th 2024)
- Early Student Registration Fee 150 € (till April 30th 2024)
- Accompanying person 150 € (till May 19th 2024)

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Whenever a derivative journal publication does eventuate then this journal paper must contain an appropriate reference to the already published IFAC-PapersOnLine publication, preferably using the DOI attribute.

Proceedings - Electronic Publications

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Proceedings from all IFAC conferences are published by IFAC, in cooperation with the IFAC publisher, on the **IFAC-PapersOnLine** site and are citable via an ISSN and a DOI (Digital Object Identifier), a unique industry-standard identifier assigned to every paper.

Other information

All accepted papers will be indexed by **Thomson Reuters** as the conference papers in **Web of Science**. Also, all accepted papers will be indexed by **Scopus**.

Regular papers must be between 4 (minimum) and 6 (maximum) pages in the final version.

Important Dates

- **LAST EXTENSION: March 4th, 2024**
Registration and Draft Papers Submissions
- **April 8th, 2024**
Acceptance / Rejection Papers
- **April 30th, 2024**
Camera-ready Papers, Binding Registration
- **June 19th - 21st, 2024**
Conference will be held

Instructions for authors

Instructions for authors are provided to assist authors submitting papers to IFAC meetings. Using information provided below you will be able to prepare your paper in the appropriate form for inclusion in the meeting Proceedings.

Official conference internet pages:

<https://www.pdes-conference.eu/>

Information for authors

<https://www.ifac-control.org/conferences/author-guide>

Author Guide

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Publication Ethics Guidelines

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Conference Topics

1. Industrial Programmable Controllers
2. Industrial PC's and PLC's
3. Field Programmable Logic and High End Design Means
4. Reconfigurability and Programmability in ASICs
5. Embedded Systems
6. Microprocessors and Microcontrollers
7. Signal Processing
8. Reliability and Safety of Elements
9. Circuits and Systems
10. Innovative Hardware/Software Architectures for Control
11. Communication for Control
12. Wireless Signal Processing and Control Systems
13. Systems, Industrial Applications
14. Biomedical systems
15. Control theory
16. Renewable Power
17. Sources, Embedded Systems in the Internet of Things
18. Embedded Systems for Industry 4.0
19. Applications in Control Education
20. Low-cost Educational Resources
21. Control Demonstrations



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