



CADMD 2023

Conference in memory of
Professor Jerzy Wróbel

Call for Papers

XXXI International Conference

CAD IN MACHINERY DESIGN IMPLEMENTATION AND EDUCATIONAL ISSUES

26 - 28 October 2023
Supraśl, Poland

Topics of interest include but are not limited to different aspects of:

- Process control, identification, modeling, simulation of processes and systems.
- Methods and algorithms in CAD.
- CAx applications in engineering.
- CAD in mechanical and electrical engineering.
- Design and implementation of MCAD and ECAD tools.
- CAD tools in industry 5.0.
- Power Systems and Environmental Protection Facilities.
- Augmented and Virtual Reality Facilities.

- Robotics, mechatronics and automation.
- Microelectromechanical systems.
- Resonators, micro-optical devices, micro-fluid devices. MEMS integrated implementations.
- Engineering application of informatics.
- Software, programming and algorithms, databases.
- Engineering CAx education.
- Additive Manufacturing and Reverse Engineering techniques e.g.: 3D Scanning, 3D Printing, topology optimization, etc.

CADMD 2023 is organized by:



Department of Computer-Aided
Design
Lviv Polytechnic National
University
Ukraine



Faculty of Mechanical
Engineering
Białystok University of
Technology
Poland



Faculty of Mechanical
Engineering and Robotics
AGH University of Science and
Technology
Poland



The Institute of Machine
Design Fundamentals
Warsaw University
of Technology
Poland

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Information for authors

The working languages of the conference are English, Polish and Ukrainian.

Submitted papers (in English) should be original, containing new and original results. The material must be unpublished and not under submission elsewhere.

Prospective authors are invited to submit one page digest to the Organizing Committee electronically in MS WordDoc Format. The required format of the digest will be delivered by e-mail or will be available on the Conference Web page.

Some selected, full version of the papers will be printed in:

1. "Acta Mechanica et Automatica" journal (indexed: Scopus, WoS; 100 MEN points),
2. the post-conference monograph. The monograph will be edited and printed by the Printing House of Białystok University of Technology.

Organizing Committee

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Important dates

Registration deadline: **September 15, 2023.**
Deadline for digest: **October 2, 2023.**
Notification of acceptance: **October 5, 2023.**
Final conference program: **October 16, 2023.**
CADMD 2023 Conference: **October 26-28, 2023.**
Camera-ready versions of the full papers (some selected, limited number of papers): **December 31, 2023.**

Conference fee

The cost of participation in CADMD 2023 conference is **1800 PLN**. The fee includes: accommodation (three nights), meals, banquet, printing chapter in conference monography. An excursion to the Tatar village - Kruszyniany is planned: visiting the mosque and lunch at the "Tatarska Jurta". Also there will be a tour of the Icon Museum and Orthodox monastery in Supraśl.

Location

The conference will take place in "Akademia Supraska", Supraśl near Białystok, Poland.

Supraśl boasts a beautiful orthodox monastery which houses the museum of icons. It is also associated with the beautiful and picturesque Supraśl river valley. Supraśl is tucked away in the middle of the Knyszyn Forest, whose natural resources contribute to the town's development as a health resort. It owes its microclimate to the pine forest, whose air is redolent with therapeutic oil. Time seems to flow more slowly here.

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