



# CADMD

# 2024

Call for Papers

XXXII<sup>nd</sup> International Conference

## CAD IN MACHINERY DESIGN IMPLEMENTATION AND EDUCATIONAL ISSUES

28 - 30 November 2024  
Lviv, Ukraine

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

- Process control, identification, modeling, and simulation of processes and systems.
- Methods and algorithms in CAD.
- CAx applications in engineering.
- CAD/CAM/CAE 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.

- UAV, UGV, 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 2024 is organized by:



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



Department of  
Computer-Aided Design  
Lviv Polytechnic National  
University  
Ukraine



Faculty of Mechanical  
Engineering  
Bialystok University of  
Technology  
Poland



The Institute of Machine  
Design Fundamentals  
Warsaw University  
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## Information for authors

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

Papers must be submitted in English and contain new, original research. The material must be unpublished and not under review elsewhere.

Authors are invited to submit papers of at least six pages in MS Word or Rich Text Format. The required template will be sent by email or available on the conference website and adherence to it is mandatory.

Papers will be reviewed by the Program Committee for novelty, quality, and relevance. Reviewers' feedback will be provided for revisions if needed.

Selected papers will be published in the journal of the National University "L'viv Polytechnic," series: "Computer Design Systems. Theory and Practice," in full versions.

All papers must follow the journal's formatting guidelines. Non-compliant papers may be rejected. Submissions should include an abstract, keywords, introduction, main body, conclusions, and references.

Papers should be submitted electronically via the conference website or the provided email. Submission details will be given after registration, and late submissions may not be considered for publication.

## Important dates

- Deadline for digest: **November 20, 2024.**
- Notification of acceptance: **November 23, 2024.**
- Final conference program: **November 26, 2024.**
- CADMD 2024 Conference: **November 28-30, 2024.**
- Camera-ready versions of the full papers (some selected, limited number of papers): **December 31, 2025.**

## Conference fee

The registration fee for CADMD 2024 is 100€ per person, payable in advance. This fee covers access to all conference sessions and materials. Attendees are responsible for their hotel reservations. To assist with accommodations, attendees should inform the Organizing Committee in advance, and the Committee will provide information on available hotel options.

## Location

The Department of Computer-Aided Design at L'viv Polytechnic National University will host the conference.

L'viv, one of Ukraine's largest and most historically significant cities, was part of Poland until 1939, when it became part of Ukraine. Today, it stands as the largest city in the region and a prominent cultural, educational, and scientific center. Known as an open-air museum, L'viv is home to over 2,000 historical and cultural landmarks, blending its rich heritage with a modern, vibrant atmosphere.

In light of the ongoing armed aggression by the Russian Federation, the conference will adopt a hybrid format.

This will allow participants from other cities, including international guests, to join online, ensuring the opportunity to present and discuss their scientific research while fostering collaboration and knowledge exchange across borders.