CADMD 2022

Call for Papers

XXX International Polish-Ukrainian Conference

CAD IN MACHINERY DESIGN IMPLEMENTATION AND EDUCATIONAL ISSUES

1 -2 December 2022
Lviv, Ukraine

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.
- Computer applications in engineering.
- CAD in electrical engineering: electronic devices, electrical machines, photooptics.
- Design and implementation of ECAD tools.
- CAD tools in industry 4.0.
- Power Systems and Environmental Protection Facilities.

- Robotics, mechatronics and automation.
- Microelectromechanical systems.
- Resonators, micro-optical devices, micro-fluid devices. MEMS integrated implementations.
- Information technology.
- Engineering application of informatics.
- Software, programming and algorithms, databases.
- Engineering education.
- 3D Scanning, Printing, Augmented and Virtual Reality Facilities.

CADMD 2022 is organized by:

Department of Computer Aided Design
L'viv Polytechnic National University
Ukraine

Faculty of Mechanical Engineering
Bialystok 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 The material must be unpublished and not under submission elsewhere.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 maximum one page digest to the Organizing Committee electronically in MS WordDoc or Rich Text Format. The required format of the digest will be delivered by e-mail or will be available on the Conference Web page.

The digests will be available on the web page of the conference.

Reviewers, members of Program Committee, will evaluate each submitted digest. Their remarks and suggestions will be send back to the authors.

Some selected, full version of the papers will be printed in the magazine of the National University "Lviv Polytechnic". Series: "Computer systems of design. Theory and practice".

Preferably, the submitted digest and the accepted full version of the papers (sections in the post-conference materials) should be written in MS Word using the template delivered by the organizers.

Important dates

Deadline for digest:	**November 24, 2022**.
Notification of acceptance:	**November 27, 2022.**
Final conference program:	**November 29, 2022.**
CADMD 2022 Conference:	**December 1 - 2, 2022.**
Camera-ready versions of the full papers (some selected, limited number of papers):	**January 31, 2023.**

Conference fee

Registration for the CADMD2022 is 100€ per person, payable in advance. Attendees are responsible for their own reservations of a hotel. To reserve rooms, attendees should inform Organizing Committee in advance.

Location

The conference will take place at the Department of Computer-Aided Design of Lviv Polytechnic National University.

Lviv is one of the biggest cities of regional significance in Ukraine. It was a part of Poland until 1939 when it became part of Ukraine. It is currently the biggest city in the region and a major Ukrainian cultural center. Lviv looks like a museum under open-sky. There are over 2000 historical architectural and cultural monuments.

Due to the armed aggression of the russian federation, the conference will be held in the Hybrid format.

Guests from other cities will be able to participate online to present and discuss the results of their scientific research.