



ORGANIZERS:

Bydgoszcz University of Science and Technology

PATRONAGE:

POLISH ACADEMY OF SCIENCES

Engineering Sciences
Committee on Surface Engineering,
PAS – Poznań Branch

CONFERENCE AIMS:

The conference will provide a platform to discuss the latest advancements and innovations in the field of electromachining. It will be open to researchers, academics, industry professionals, and students. EM'23 is designed to provide a comprehensive overview of the latest research and developments in the field of electromachining and will provide a platform to showcase your research and make valuable connections with leading experts in the field.

CONFERENCE TOPICS:

1. Electro-erosion machining
 - Modeling, simulation, virtual techniques in erosion process control (EM)
 - Experimental research on erosion processing
 - Optimization methods, procedures, design conditions in erosion processing
 - Industrial applications of erosion processing (EM)
2. Additive methods (Rapid-Prototyping, SLA, SLS, FDM, DMLS, etc.)
 - Modeling and simulation of processes
 - Experimental research on processes
 - Optimization methods and procedures for processes
 - Industrial applications of additive methods

3. Unconventional machining methods (water laser, waterjet, explosive machining, ionizing)
 - Experimental research
 - Optimization methods and procedures
 - Hybrid processing
 - Industrial applications of unconventional machining methods
4. Micro and Nanotechnologies
 - Modeling and simulation of processing
 - Experimental research on processing
 - Virtual techniques
 - Industrial applications of micro and nanotechnologies (MEMS, lithography, etc.)

CONFERENCE LANGUAGES:

Polish, English

CONFERENCE CALENDAR:

- 21/04/2023 – Deadline online completing and sending Conference Participation Card
- 28/04/2023 – Reception of Notification of Acceptance and proposal for paper elaboration
- 16/05/2023 – Deadline for one full page Abstract Submission (Book of Abstracts)
- 30/06/2023 – Deadline for Full Text Submission,
- 15/09/2023 – Participants update on conference program details, the final date for fee transfer,
- 09/10/2023 – EM'23 Conference opening ceremony,
- 11/10/2023 – Conference Closing.

FILES TO DOWNLOAD

<https://em.pbs.edu.pl/pl/EM/FILES%20TO%20DOWNLOAD>

CONFERENCE REGISTRATION FEE:

No fee for participants. The conference will be fully financed by the Ministry of Education and Science from the program:



Excellent Science - Support for scientific conferences

Fully financed includes listed costs: accommodation (three nights 8-11/10/2023), meals, accompanying events, as well as a book of abstracts, full text publications after reviews, open-access on-line version by AIP Conference Proceedings (USA). AIP will submit articles for indexing in the Web of Science and Scopus database. Full Text Submissions should be prepared and sent in English.

The financing concerns:

- participation of 50 people in the stationary form,
- publication of a book of abstracts,
- publication of 50 articles (AIP Conference proceedings),
- the order of applications will determine the acceptance of full participation in the conference in a stationary form (limit of 50 people and 50 articles).

The possibility of participation in the conference **online** is also provided.

CORRESPONDENCE ADDRESS:

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ORGANIZING COMMITTEE:

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Piotr Domanowski - Organizational Secretary
Jarosław Zdrojewski
Piotr Szewczykowski
Artur Kościuszko
Helena Ciara
Natalia Konczal
em-pbs@pbs.edu.pl

CONFERENCE VENUE:

Bydgoszcz old town river side.
Hotel details in the next message.

INTERNATIONAL SCIENCE COMMITTEE:

Jerzy KOZAK, Institute of Aviation, Warsaw, PI - Chairman
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Przemysław BORKOWSKI, Koszalin UoT, PI
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Rafał ŚWIERCZ, Warsaw UoT, PI
Viacheslav TARELNYK, Doctor of Tech. Sciences, Ua
Günter WOLLENBERG, Univ. of Magdeburg, Germany
Tadeusz ZABOROWSKI, IBEN Gorzów, PI
Stanisław ZABORSKI, Wrocław UoS&T, PI
Jan ŻUREK, Poznan UoT, PI

CONFERENCE DETAILS:

<https://em.pbs.edu.pl/>