

PAPER • OPEN ACCESS

Preface

To cite this article: 2023 *J. Phys.: Conf. Ser.* **2676** 011001

View the [article online](#) for updates and enhancements.

You may also like

- [Preface](#)
- [Peer-Review Declaration](#)
- [Progressive evaluation in spectroscopic sensors for non-invasive blood haemoglobin analysis—a review](#)
Yogesh Kumar, Ayush Dogra, Ajeet Kaushik et al.

PRIME
PACIFIC RIM MEETING
ON ELECTROCHEMICAL
AND SOLID STATE SCIENCE

HONOLULU, HI
Oct 6–11, 2024

Abstract submission deadline:
April 12, 2024

Learn more and submit!

Joint Meeting of
The Electrochemical Society
•
The Electrochemical Society of Japan
•
Korea Electrochemical Society



ABOUT THE CONFERENCE

The 8th International Conference of Computational Methods in Engineering Science (CMES'2023), held on November 23rd-25th, 2023 in Puławy, Poland, is organized by the Polish Society for the Promotion of Knowledge, the Lublin University of Technology (Faculty of Mechanical Engineering, Faculty of Electrical Engineering and Computer Science, Faculty of Management, and Faculty of Environmental Engineering), and the Polish Air Force University (Faculty of Aviation).

The conference is an excellent opportunity to present and learn how computational methods can be applied in scientific disciplines like mechanical, materials, and civil engineering, management, environmental engineering, mining and energy, computer engineering, and innovative products launched by companies. The interdisciplinary nature of the conference facilitates knowledge sharing among Polish and foreign research centers that represent different engineering and technical sciences disciplines. This edition creates opportunities for plenary sessions and presentations of companies that solve engineering problems with modern computational methods and tools.

TOPICS

- Analysis of engineering processes
- Application of computer programs in technology
- Artificial and computational intelligence
- Computational Fluid Dynamics (CFD)
- Computer simulations of processes and phenomena
- Finite Element Method (FEM)
- Material properties and structure research methods
- Production engineering and quality control
- Technology management in energy acquisition processes

www.cmes.pl



Content from this work may be used under the terms of the [Creative Commons Attribution 3.0 licence](https://creativecommons.org/licenses/by/3.0/). Any further distribution of this work must maintain attribution to the author(s) and the title of the work, journal citation and DOI.

ORGANIZER**CO-ORGANIZERS****CMES 2023 PATRONAGES**

MEDIA PATRONAGE**FUNDING**

Ministry of Education and Science
Republic of Poland



**Doskonała
Nauka**

The project was supported by state budget funds granted by the Minister of Education and Science within the framework of the "Doskonała Nauka II" Program (Poland).

ORGANIZING COMMITTEE

Zbigniew Czyż, President

Monika Kulisz, Vice-President

Mirosław Szala, Vice-President

Marcin Badurowicz

Wojciech Cel

Katarzyna Falkowicz

Justyna Kujawska

Jakub Pizoń

SCIENTIFIC COMMITTEE

Önder Ayer, Trakya University, Turkey
Paul Bere, Universitatea Tehnica Cluj-Napoca, Romania
Jarosław Bieniaś, Lublin University of Technology, Poland
Sándor Bodzás, University of Debrecen, Hungary
Ricardo Branco, University of Coimbra, Portugal
Abdullah Cakan, Konya Technic University, Turkey
Tomasz Cieplak, Lublin University of Technology, Poland
Jacek Czarnigowski, Lublin University of Technology, Poland
Dariusz Czerwiński, Lublin University of Technology, Poland
Hubert Dębski, Lublin University of Technology, Poland
Quirino Estrada-Barbosa, Autonomous University of Ciudad Juarez, Mexico
Daniele Fanteria, University of Pisa, Italy
Gabriel Fedorko, Technical University of Košice, Slovakia
Dariusz Fydrych, Gdańsk University of Technology, Poland
Jakub Gajewski, Lublin University of Technology, Poland
Justinas Gargasas, Vilnius Gediminas Technical University, Republic of Lithuania
Łukasz Gierz, Poznan University of Technology, Poland
Arkadiusz Gola, Lublin University of Technology, Poland
Paweł Gołda, Polish Air Force University, Poland
Łukasz Grabowski, Lublin University of Technology, Poland
Muharrem Hilmi Aksoy, Konya Technical University, Turkey
Gürkan İrsel, Trakya University, Turkey
Nella Israilova, Kyrgyz State Technical University named after I. Razzakov, Kyrgyzstan
Józef Jonak, Lublin University of Technology, Poland
Ewa Jonda, Silesian University of Technology, Poland
Jerzy Józwik, Lublin University of Technology, Poland
Radosław Kiciński, Polish Naval Academy, Poland
Grzegorz Kłosowski, Lublin University of Technology, Poland
Grzegorz Kowaleczko, Air Force Institute of Technology, Poland
Mirosław Kowalski, Air Force Institute of Technology, Poland
Ján Král, Technical University of Košice, Slovakia
Jerzy Lipski, Lublin University of Technology, Poland
Grzegorz Litak, Lublin University of Technology, Poland
Paweł Lonkwic, The State School of Higher Education in Chełm, Poland
Sergio Luján-Mora, University of Alicante, Spain
Grzegorz Łagód, Lublin University of Technology, Poland
Leszek Łatka, Wrocław University of Science and Technology, Poland
Edyta Łukasik, Lublin University of Technology, Poland
Wojciech Macek, Gdańsk University of Technology, Poland
Jonas Matijošius, Vilnius Gediminas Technical University, Lithuania
Marek Miłosz, Lublin University of Technology, Poland
Vieroslav Molnár, Technical University of Košice, Slovakia
Bohdan Mordyuk, G. V. Kurdyumov Institute for Metal Physics of the N.A.S., Ukraine
Hanna Myalska, Silesian University of Technology, Poland
Ali Özer, Sivas Cumhuriyet University, Turkey
Dogus Ozkan, Turkish Naval Academy, Turcja
Jatinder Pal Singh, Thapar Institute of Engineering and Technology, India

Paweł Powroźnik, Lublin University of Technology, Poland
Bartosz Przysucha, Lublin University of Technology, Poland
Luis Reis, University of Lisbon IST, Portugal
Patryk Różyło, Lublin University of Technology, Poland
Dariusz Rzońca, Rzeszow University of Technology, Poland
Sylwester Samborski, Lublin University of Technology, Poland
Sandra Sánchez, Escuela Politécnica Nacional, Ecuador
Branislav Šarkan, University of Žilina, Slovakia
Petra Sauer, Beuth Hochschule für Technik Berlin, Germany
Tomasz Seredyn, Polish Air Force University, Poland
Jashanpreet Singh, Thapar Institute Of Engineering And Technology, India
Maria Skublewska-Paszkowska, Lublin University of Technology, Poland
Amelia Staszowska, Lublin University of Technology, Poland
Wit Stryczniewicz, Institute of Aviation, Poland
Egemen Sulukan, Piri Reis University, Turkey
Maciej Sułowicz, Cracow University of Technology, Poland
Jakub Szabelski, Lublin University of Technology, Poland
Robert Szczepaniak, Polish Air Force University, Poland
Tomasz Szymczyk, Lublin University of Technology, Poland
Jacek Tomków, Gdańsk University of Technology, Poland
Ualsher Tukeyev, Al-Farabi Kazakh National University, Kazakhstan
David Vališ, University of Defence, Czech Republic
Paolo Sebastiano Valvo, University of Pisa, Italy
Jan Vrabel, University of Žilina, Slovakia
Mariusz Walczak, Lublin University of Technology, Poland
Miroslaw Wendeker, Lublin University of Technology, Poland
Grzegorz Woroniak, Bialystok University of Technology, Poland
Paweł Wysmulski, Lublin University of Technology, Poland
Nataliia Yehorchenkova, Kyiv National University of Construction and Architecture, Ukraine
Tomasz Zahorski, Polish Air Force University, Poland