

2024 15th International Conference on **Mechanical and Aerospace Engineering**

Zagreb, Croatia July 17- 20, 2024



ICMAE Website www.icmae.org



Mechanical and Aerospace Engineering is a field that encompasses a wide variety of applications, such as designing, manufacturing, and operating mechanical systems and devices. The field has experienced significant advancements in recent decades, especially in the areas of advanced materials, micro/nano technology, robotics, and control systems. With the growing need for sustainable and efficient energy sources, the field has also seen remarkable progress in renewable energy and energy efficiency technologies. Furthermore, aerospace technology advancements have led to the development of new materials and technologies for space exploration and aviation.

We are thrilled to announce that the 2024 15th International Conference on Mechanical and Aerospace Engineering (ICMAE) will be held in Zagreb, Croatia from July 17 to 20, 2024. This conference is co-sponsored by IEEE, Science and Engineering Institute, co-hosted by University of Zagreb Faculty of Electrical Engineering and Computing, Technical University of Kosice, School of Engineering (ISEP) of the Polytechnic of Porto (P.Porto), patrons with Orleans University, Washington University in St. Louis, Capitol Technology University, University of Huddersfield, Istanbul Technical University, among others.

Organizing Committee Group

Advisory Chairs

Nuno Borges Carvalho, University of Aveiro, Portugal Konstantin Lukin, National Academy of Sciences of Ukraine, Ukraine Antonio De Maio, University "Federico II" of Napoli, Italy Ruggero Maria Santilli, Institute for Basic Research, USA

Conference Chairs

Pasquale Daponte, University of Sannio, Italy Ian McAndrew, Capitol Technology University, USA

Conference Co-chairs

Dashnor Hoxha, Orleans University, France Renfu Li, Huazhong University of Science and Technology, China Xiaoyan Zhu, Tongji University, China

Program Chairs

Ephraim Suhir, Portland State University, USA Ramesh K. Agarwal, Washington University in St. Louis, USA Simon Barrans, University of Huddersfield, UK Yoshifumi Yokoi, National Defense Academy of Japan, Japan Vitor Fernao Pires, Polytechnic Institute of Setúbal, Portugal Francesco Lamonaca, University of Calabria, Italy

Organizing Chairs

Damir Ilić, University of Zagreb, Croatia Custódio Dias, Polytechnic University of Porto, Portugal

Local Organizing Committee

Ivan Leniček, University of Zagreb, Croatia Krešimir Malarić, University of Zagreb, Croatia Marko Jurčević, University of Zagreb, Croatia Luka Ferković, University of Zagreb, Croatia

Steering Co-chairs

Eldad Avital, Queen Mary University of London, UK Zheng Hong Zhu, York University, Canada

Women in Engineering (WIE) Chairs

Katarina Monkova, Technical University of Kosice, Slovakia Danhe Chen, Nanjing University of Science and Technology, China

Award Committee

Rodolfo A. D. Oliveira, Universidade NOVA de Lisboa, Portugal Lei Shi, Northwestern Polytechnical University, China

International Publicity Committee

Francesco Picariello, University of Sannio, Italy Kamel Mehdi, University of Tunis EL Manar, Tunisia Nam Seo Goo, Konkuk University, Korea Shu-Sheng Chen, Northwestern Polytechnical University, China

Regional Committee

Ibrahim Ozkol, Istanbul Technical University, Turkey Necdet Bildik, Celal Bayar University, Turkey Bingning Jin, Northwestern Polytechnical University, China Lin Sun, Northwestern Polytechnical University, China Peter Monka, TU Kosice, Faculty of manufacturing technologies, Slovakia

Publication

After a careful reviewing process, all accepted papers with registration and presentation will be published in IEEE conference proceedings, which can be included in IEEE Xplore and indexed by El Compendex

ICMAE 2024 achived in IEEE conference list:

https://conferences.ieee.org/conferences_events/conferences/conferencedetails/62680

All previous ICMAE Proceedings all get successfully published and indexed.

For details, please see: https://icmae.org/publication.html call for special session, proposal deadline: April 10, 2024



Scope

Interested topics including, but not limited to:

- Electronic systems
- Circuit analysis
- Analog and digital circuits
- Navigation and Precise Positioning
- Synthetic aperture radar technology
- Navigation guidance and control
- **Automatic Control Systems**
- Control theory and control engineering
- Pattern recognition and intelligent system
- Mechatronics Systems
- Motor and electrical equipment
- Electronic device design and control
- Sensors and Sensor Systems
- Novel sensor and material development
- Aerospace Science and Technology
- Aircraft design
- Flight mechanics and control
- Rocket theory and design
- Flight driving and control technology

Submission Method:

For presentation only, please submit abstract; For Publication, please submit full paper

Submission Link: http://www.easychair.org/conferences/?conf=icmae2024

Important Date

Submission due: April 05, 2024 Notification: May 05, 2024 Registration Due: May 20, 2024

Contact

Dr. Lucia, Radeva Email: secretary@icmae.org ICMAE Website: www.icmae.org

Co-sponsored by



































