



ICOME & CARE 2024

The Joint International Conference of the 7th International Conference on Mechanical Engineering (ICOME) and the 3rd International Conference on Advanced Research in Engineering (CARE)



MINISTERUL EDUCAȚIEI



Academia de Stiinte
Tehnice din Romania
Technical Sciences
Academy of Romania

Craiova, Romania, October 17-19, 2024

The aim of the conference is to provide a platform for researchers, engineers and PhD students involved in the general area of mechanical engineering and industrial engineering as well as robotics, mechatronics and interdisciplinary fields, to exchange their latest research results and exchange views on the future research directions of these fields.

Organized by
University of Craiova
Faculty of Mechanics

with organizing support of:

Ministry of Education, Romania
ASTR – Technical Sciences Academy of Romania
ARoTMM – Romanian Assoc. of Mechanism and Machine Science
SIAR – Romanian Society of Automotive Engineers

Conference Chairs

Ilie Dumitru
Nicolae Dumitru
Laurentiu Racila
Adrian Sorin Rosca
Daniela Tarnita.

International Scientific Committee

Alexandru Catalin - Transilvania University of Brasov, Romania
Atanasiu Costica – ASTR, Romania
Balc Nicolae - Technical University of Cluj-Napoca, Romania
Benga Gabriel - University of Craiova, Romania
Bica Marin - University of Craiova, Romania
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Burada Cristian- University of Craiova, Romania
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Geonea Ionut- University of Craiova, Romania
Gruionu Lucian - University of Craiova, Romania
Iordachita Iulian - Johns Hopkins Whiting school of engineering, USA
Jaliu Codruta - Transilvania University of Brasov, Romania
Lovasw Erwin – University Politehnica of Timisoara
Marghitu Dan- Auburn University, USA
Marin Mihnea - University of Craiova, Romania
Merueta Elena - „Dunarea de Jos” University of Galati, Romania
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Racila Laurentiu- University of Craiova, Romania
Rosca Adrian Sorin- University of Craiova, Romania
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Savu Danut - University of Craiova, Romania
Savu Sorin - University of Craiova, Romania
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Tarnita Daniela - University of Craiova, Romania
Vaida Calin - Technical University of Cluj-Napoca, Romania
Vladut Valentin – INMA, Bucharest, Romania
Vlase Sorin – Transilvania University of Brasov, ASTR Romania

Topics

- Advanced processing technologies in industrial engineering
- Applied Thermodynamics, Heat Transfer. Thermal Systems
- Automotive. Engine and Transmission. Road Safety
- Biomechanics
- Biomedical engineering
- Computer-aided design and manufacturing
- Experimental mechanics
- Mechanisms and Machines Design
- Mechatronics
- Modeling and simulation in mechanical engineering
- Robotics
- Modeling, analysis and simulation of the manufacturing processes
- Technology and engineering management
- Civil engineering

Important Dates

- July 25, 2024 - Full paper submission
- August 15, 2024 – Notification of acceptance
- September 10, 2024 - Submissions of final paper

Local Organising Committee

Ilie Dumitru, Nicolae Dumitru, Daniela Tarnita, Adrian Sorin Roșca
Nicolae Craciunoiu, Cristian Burada, Cristian Copilusi, Laurentiu Racila, Ionut Geonea
Gabriel Benga, Danut Savu, Sorin Savu, Lucian Matei, Gabriela Marinache

Venue

The Conference will be held at the University of Craiova, Craiova is a university city located in south -west of Romania and accessible from all European countries by plane, train, or car.

Social programs for delegates will be organized.

Registration Fee

200 Euro- for regular papers
100 Euro – for PhD students
130 Euro – for accompanying persons

Presentation and Publication

The official language of the conference is English. Each paper will be reviewed, and the papers selected by the Scientific Committee will be published in a conference proceeding. The best papers will be selected and recommended for publication in journals indexed in international databases.

For detailed up-to-date information, please visit the conference website:

Website: <http://mecanica.ucv.ro/CARE2024/>

Correspondence address

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