



CARE 2022

2nd International Conference on Advanced Research in Engineering



October 28, 2022
Craiova, Romania

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
Doctoral School "Acad. Radu Voinea"

Conference Chairs

Prof.dr.eng Daniela Tarnita
Prof.dr.eng Nicolae Dumitru
Prof.dr.eng Ilie Dumitru

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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

Important Dates

- May 25, 2022 -- Full paper submission
- June 15, 2022 -- Notification of acceptance
- July 15, 2022 -- Submissions of final paper

Local Organizing Committee

Prof.dr.eng. Tarnita Daniela
Prof.dr.eng. Dumitru Nicolae
Prof.dr.eng. Dumitru Ilie
Prof.dr.eng. Savu Danut
Prof.dr.eng. Rosca Adrian
Conf.dr.eng. Geonea Ionut
Eng. Marinache Gabriela

Presentation and Publication

The conference will be organized **online or mixed** (physical and online), depending on the conditions of the pandemic evolution.
The official language of the conference is English. Each paper will be peer reviewed, and the papers selected by the Scientific Committee will be published in journals indexed in international databases: **Acta Technica Napocensis (indexed WOS)- Special Issue; Annals of Welding Equipment and Technology (indexed Scopus); Romanian Journal of Technical Sciences. Applied Mechanics (indexed BDI); Ingineria Automobilului (indexed WOS); Bulletin of the Transilvania University of Brasov, Series I-Engineering Sciences (indexed EBSCO)**

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

Website: <http://mecanica.ucv.ro/CARE2022/>

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