



# CARE 2022

## 2<sup>nd</sup> 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"

### 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/>

### Correspondence address

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Conference CARE\_2022

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### Conference Chairs

Prof.dr.eng. Daniela Tarnita

Prof.dr.eng. Nicolae Dumitru

Prof.dr.eng. Ilie Dumitru

### International Scientific Committee

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Prof.dr.eng. Balc Nicolae - Technical University of Cluj-Napoca, Romania  
Prof.dr.eng. Benga Gabriel - University of Craiova, Romania  
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