



CARE 2020

1st International Conference on Advanced Research in Engineering



October 30, 2020
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

Daniela Tarnita
Nicolae Dumitru

International Scientific Committee

Alexandru Catalin - Transilvania University of Brasov, Romania
Balc Nicolae - Technical University of Cluj-Napoca, Romania
Benga Gabriel - University of Craiova, Romania
Bica Marin - University of Craiova, Romania
Bizdoaca Nicu- University of Craiova, Romania
Burnete Nicolae - Technical University of Cluj-Napoca, Romania
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Clenci Adrian- University of Pitesti, Romania
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Mereuta Elena - „Dunarea de Jos” University of Galati, Romania
Pires Ines – Technical University of Lisbon, Portugal
Pisla Doina - Technical University of Cluj-Napoca, Romania
Rusu Eugen - „Dunarea de Jos” University of Galati, Romania
Savu Danut - University of Craiova, Romania
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Scutelnicu Elena - „Dunarea de Jos” University of Galati, Romania
Selisteanu Dan - University of Craiova, Romania
Stan Cornel – West Saxon University of Zwickau, Germany
Stanescu Marius - University of Craiova, Romania
Tabacu Ion- University of Pitesti, Romania
Tarnita Daniela - University of Craiova, Romania
Vaida Calin - Technical University of Cluj-Napoca, Romania

Keynote speakers

Iulian Iordachita - *John Hopkins University, USA*
Dan Marghitu - *Auburn University, USA*
Ines Pires - *Technical University of Lisbon, Portugal*
Doina Pisla- *Technical University Cluj-Napoca, Romania*
Cornel Stan - *West Saxon University of Zwickau, Germany*
Corina Tarnita - *Princeton University, USA*

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

- July 15, 2020- Abstract submission
- September 5, 2020 – Full paper submission
- September 25, 2020 – Notification of acceptance
- October 4, 2020- Submissions of final paper

Local Organising Committee

Tarnita Daniela
Dumitru Nicolae
Dumitru Ilie
Savu Danut
Oncescu Alin

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.

Correspondence address

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