

Preface

The 4th International Conference of Mechanical Engineering is a traditional event, with a high scientific level, organized by the Faculty of Mechanics, University of Craiova.

Since the first edition, organized in 2010, the stated purpose of the conference was to bring together researchers and specialists from the country and abroad, so that the ICOME conference has become the place where the scientists, researchers and industrial professionals changes their experiences, ideas and the latest developments activities in the field of mechanical engineering.

This goal has always been achieved at the conference sessions with a considerable number of participants, the interest being equally for the specialists from the country as well as for those from Europe, USA and Japan.

Like all editions, at the opening ceremony, as invited speakers, the guests from the United States, the Academy of Technical Science of Romania and from local business companies, presented the latest achievements in the field mechanical engineering.

In this way, we would like to express our gratitude to all authors for their papers and participation on different subjects, covering the fields of Mechanical Engineering, and to the reviewers for the time, effort, and for sharing their knowledge in order to improve the presentations' quality.

With best regards,

CHAIRMAN

ICOME 2017 International Conference of Mechanical Engineering

Prof. Univ. Ph.D Eng. Nicolae Dumitru

University of Craiova, Faculty of Mechanics

Committees

Chairman

- Nicolae Dumitru

Secretary

- Adrian Sorin Roșca

Editors

- Nicolae Dumitru
- Nicolae Crăciunoiu
- Adrian Sorin Roșca

Honorific Committee

- | | |
|---------------------|--|
| • Pandrea Nicolae | - member of Romanian Academy of Technical Sciences |
| • Bratu Polidor | - member of Romanian Academy of Technical Sciences |
| • Popescu Iulian | - member of Romanian Academy of Technical Sciences |
| • Cezar Ionuț Spînu | - University of Craiova, Romania |
| • Mircea Ivănescu | - University of Craiova, Romania |
| • Marco Ceccarelli | - University of Cassino, Italy |
| • John Oldham | - President of Ford Romania |
| • Constantin Popeci | - President Popeci Group, Romania |

Scientific Committee

- | | |
|--------------------------|--|
| • Alecu Aurel | - Politehnica University of Bucharest, Romania |
| • Alexandru Cătălin | - Transilvania University of Brasov, Romania |
| • Antonescu Paun | - Politehnica University of Bucharest, Romania |
| • Benga Gabriel | - University of Craiova, Romania |
| • Bică Marin | - University of Craiova, Romania |
| • Bîzdoacă Nicu George | - University of Craiova, Romania |
| • Burada Oliviu Cristian | - University of Craiova, Romania |
| • Burnete Nicolae | - Technical University of Cluj-Napoca, Romania |
| • Chiru Anghel | - Transilvania University of Brasov, Romania |
| • Chira Nicolae | - Technical University of Cluj-Napoca, Romania |
| • Ciolan Gheorghe | - Transilvania University of Brasov, Romania |
| • Cojocar Dorian | - University of Craiova, Romania |
| • Constantinescu Radu | - University of Craiova, Romania |
| • Crăciunoiu Nicolae | - University of Craiova, Romania |
| • Demian Mihai | - University of Craiova, Romania |
| • Domnișoru Sorin | - Dunarea de Jos University of Galați, Romania |
| • Doroftei Ion | - Technical University of Iasi, Romania |
| • Doicin Cristian | - Politehnica University of Bucharest, Romania |
| • Dumitru Ilie | - University of Craiova, Romania |
| • Dumitru Nicolae | - University of Craiova, Romania |
| • Gheorghe Ștefan | - University of Craiova, Romania |
| • Gîngu Oana | - University of Craiova, Romania |
| • Gruionu Lucian | - University of Craiova, Romania |
| • Iordăchiță Iulian | - Johns Hopkins University, Baltimore, USA |

- Ispas Nicolae - Transilvania University of Brasov, Romania
- Marghitu B. Dan - Auburn University Alabama, USA
- Marin Mihnea - University of Craiova, Romania
- Mazilu Dumitru - National Institute of Health, Bethesda Maryland USA
- Moldovan Liviu - Petru Maior University of Târgu Mureş - Romania
- Ocnărescu Constantin - Politehnica University of Bucharest, Romania
- Oţă Victor - University of Craiova, Romania
- Pană Constantin - Politehnica University of Bucharest, Romania
- Paraschiv Gigel - Politehnica University of Bucharest, Romania
- Pîslă Doina - Technical University of Cluj-Napoca, Romania
- Popescu Iulian - University of Craiova, Romania
- Popescu Simion - Transilvania University of Brasov, Romania
- Prisecaru Tudor - Politehnica University of Bucharest, Romania
- Radu Ştefan - University of Craiova, Romania
- Richer Edmond - Southern Methodist University, Dallas, USA
- Roşca Adrian Sorin - University of Craiova, Romania
- Stoianovici Dan - Johns Hopkins University, Baltimore, USA
- Tabacu Ion - University of Pitesti, Romania
- Tarniţă Daniela - University of Craiova, Romania
- Tempea Iosif - Politehnica University of Bucharest, Romania
- Tudor Andrei - Politehnica University of Bucharest, Romania

Organizing Committee

- Nicolae Dumitru
- Nicolae Craciunoiu
- Adrian Sorin Roşca
- Ilie Dumitru
- Daniela Tarniţă
- Marin Bică
- Cristian Oliviu Burada
- Cristian Copiluşi
- Ionuţ Geonea
- Laurenţiu Racila
- Loreta Simniceanu
- Mario Trotea
- Violeta Dumitru
- Anca Didu
- Oana Oţă
- Adriana Ionescu
- Alexandru Dima
- Cosmin Miriţoiu
- Cristina Ploscaru
- Gabriel Marinescu

Conference Partners and Sponsors

