

PROGRAM

June 5th

09:00 Registration of attendants
10:00 – 10:15 Opening speeches
10:15 – 11:00 Plenary session: Keynote Papers
11:00 – 11:30 Coffee Break
11:30 – 13:00 Technical Sessions

13:00 – 15:00 Lunch break

15:00 – 16:15 Technical Sessions
16:15 – 16:45 Coffee break
16:45 – 18:00 Technical Sessions

20:00 Welcome Reception /
Official Conference Dinner

June 6th

09:00 – 12:00 Section Proceedings /
Panel Discussions

12:00 Closing of the Conference

13:00 Post-conference Tour

Conference General Information

Contact:

Aristotel POPESCU, PhD
Technical University "Gh. Asachi" of Iasi, Romania
Faculty of Mechanical Engineering
Bd. D. Mangeron nr. 61 – 63
Iasi, 700050, Romania
aristotelpopescu@yahoo.com

Please check inside leaflet for each **section contacts**.

Conference Location:

Faculty of Mechanical Engineering
Bd. D. Mangeron nr. 61 – 63
Iasi, 700050, Romania

Conference Accommodation:

Accommodation is available on university campus -
"Tudor Vladimirescu", or in nearby hotels.

Check conference website for further information.

A registration form should be filed for proper
reservation.

Conference Fees:

40 EUR (150 RON) / person (2 papers max.)

Fee includes paper publication, conference dinner,
lunch and coffee breaks.

Accepted papers will be published in a regular issue
of "Bulletin of the Polytechnic Institute of Iasi" (rated
"B" by CNCSIS).

To ensure a timely and proper publication of the
conference proceedings, a minimum payment of
25 EUR should be made by **May 16th, 2008**.



FACULTATEA DE
MECANICA



Technical University „Gh. Asachi“ of Iași
Faculty of Mechanical Engineering

3rd INTERNATIONAL CONFERENCE

ADVANCED CONCEPTS IN
MECHANICAL ENGINEERING

Iași, Romania
5 - 6 June 2008



Conference Goal

The mechanical engineer faces new challenges in the 21st century, as the machines are no longer a collection of spare mechanical parts that are put together. The new mechanical engineers has to effectively use their skills to put into practice engineering theories, methods and procedures to overcome the problems from an array of technical specialties within the broad field of mechanical engineering. These may include design of mechanical systems, thermal/fluid systems, alternative energy systems, manufacturing, robotics, materials and biomedical systems and devices.

The aim of this conference is to create the image of future mechanical systems, to initiate research in new areas bordering various research fields, to promote innovation in all its forms.

Conference Sections:

1. Machine Design, Tribology, CAD and Mechanical Vibrations
2. Theory of Mechanisms and Machinery; Robotics
3. Mechanics of Deformable Bodies
4. Automotive and Internal Combustion Engines
5. Applied Thermodynamics, Heat Transfer and Renewable Energy
6. Thermal Systems Engineering
7. Technologies in Agriculture and Food Processing

Conference Deadlines:

Abstract: April 4th, 2008
Paper acceptance: April 14th, 2008
Final paper: May 12th, 2008
Minimum payment due: May 16th, 2008

Conference Chairman

Spiridon CRETU, PhD

Scientific Steering Committee

Nicolae ALEXANDRESCU, Romania
Nicolae APOSTOLESCU, Romania
Yvan BAUDOIN, Belgium
Ion BOSTAN, Rep. Moldova
Spiridon CRETU, Romania
Emanuel DIACONESCU, Romania
Michel FEIDT, France
Radu GAIGINSCHI Romania
Marcel GUTMAN, Israel
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James R. WELTY, USA
Hans-Bernhard WOYAND, Germany
Huang YUAN, Germany

Organizing Committee

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Vasile CRACIUN (Section 7): crackvas@yahoo.com
Vlad Mario HOMUTESCU: mariohomutescu@gmail.com

Scientific Committee

Machine Design, Tribology and Mechanical Vibrations

Ovidiu CRETU, USA
Barbu DRAGAN, Romania
Mihai GAFITANU, Romania
Aurel JULA, Romania
Peter LORENZ, Germany
Daniel NELIAS, France
Dumitru OLARU, Romania
Dumitru POP, Romania
Ioan STEFANESCU, Romania
Andrei TUDOR, Romania

Mechanics of Deformable Bodies

Costica ATANASIU, Romania
Constantin CIOCANEL, USA
Augustin CRETU, Romania
Ioan CURTU, Romania
Ion DUMITRU, Romania
Nicolae ILIESCU, Romania
Dorel LEON, Romania

Automotive and Internal Combustion Engines

Nicolae BURNETE, Romania
Anghel CHIRU, Romania
Radu GAIGINSCHI, RO
Marcel GUTMAN, Israel
Virgil NEGREA, RO
Eugen NEGRUS, RO
Constantin PANA, RO
Serban RAICU, RO
Edward RAKOSI, RO
Ion TABACU, RO

Theory of Mechanisms and Machinery; Robotics

Petre ALEXANDRU, Romania
Paun ANTONESCU, Romania
Virgil ATANASIU, Romania
Yvan BAUDOIN, Belgium
Dan PERJU, Romania

Applied Thermodynamics, Heat Transfer and Renewable Energy

AI. DOBROVICESCU, Romania
Gh. DUMITRASCU, Romania
Mihai NAGI, Romania
Tanase PANAIT, Romania
Gheorghe POPESCU, Romania
Michael REIMANN, Germany
James R. WELTY, USA

Thermal Systems Engineering

Valeriu DAMIAN, Romania
Michel FEIDT, France
Bogdan HORBANIUC, Romania
Ioana IONEL, Romania
Emil JUGUREANU, Romania
Emilia MLADIN, Romania
Dan URSESCU, Romania

Technologies in Agriculture and Food Processing

Stefan Sorin BIRIS, Romania
Danuta COZMA, Romania
Valentin NEDEFF, Romania
Simion POPESCU, Romania
Ioan TENU, Romania