

Dear Colleagues,

Machine Tools Department from Machine Manufacturing & Industrial Management Faculty, "Gheorghe Asachi" Technical University of Iasi, organizes, since 2001, the International Conference on Manufacturing Systems. The main purpose of the Conference is to create an academic forum for scientific debates regarding the manufacturing systems. Moreover, considering the structural and functional complexity of these systems and, also, their multiple connections to other industrial systems, the Conference is equally assigned to specialists in connected areas.

Because an engineer must achieve four basic functions – knows a technique, applies a technique, leads a team of specialists and creates a new technique – the papers included in 8th ICMS Conference will present results of applicative and fundamental researches in industrial/mechanical engineering, management and innovation.

We kindly invite you at the 2015 edition of our ICMS Conference, having confidence that it will come into a great opportunity to know each other, to exchange scientific opinions and to make new connections between the specialists in manufacturing systems.

The Conference Proceedings will be published in **BULETINUL I.P.IASI, Machine Manufacturing Series, edited by "Gheorghe Asachi" Technical University of Iasi**. The journal is classified as **B+ Category** by the National Scientific Research Council (CNCSIS) of the Romanian Ministry of Education and Research and also indexed into **Index Copernicus Database** and **Ulrichsweb Database**.

It will be a great pleasure for us to receive and publish your papers and also to welcome you in Iasi on October 2015.

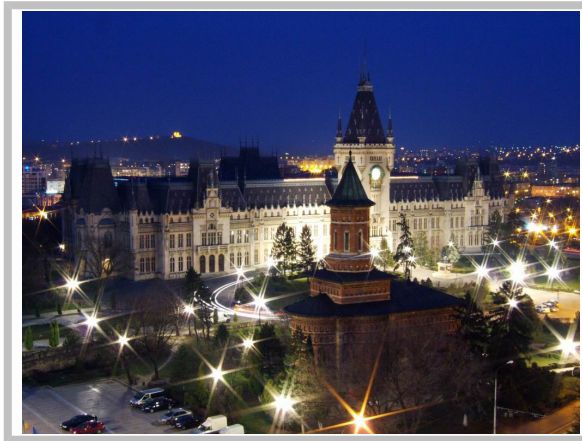
Prof. Mircea Mihailide
Head of Machine Tools Department

DEADLINES

- Abstract Submission: **April 30st, 2015**
- Full Paper Submission (pdf + MS Word format): **July 15th, 2015**
- Review Results & Notification of Paper Acceptance: **September 1st, 2015**
- Conference Fee payment: **September 15th, 2015**
- Preliminary Program: **October 1st, 2015**

PAPER PRESENTATION

- ◆ The papers will be presented on sections.
- ◆ Time for presentation and discussion: up to 15 min.
- ◆ Available presentation options: computer, video, transparencies or posters.



Iasi, Culture Palace

CONFERENCE FEE

80€ for the first paper (**30€** for the 2nd paper) paid in Romanian Currency to account:

Asociatia ALUMNI – Absolventii Constructiei de Masini

Bank: BRD-SG Iasi

Account no: RO40BRDE240SV54342442400

(details: Conferinta ICMS 2015)

The Conference Fee includes: admission to all sections and workshops, the volumes of Conference Proceedings, certificate of attendance, reception and refreshments.

CONFERENCE SECTIONS

- S1 Process Equipment & Manufacturing Systems**
- S2 Management, Quality & Innovation**
- S3 Automation & Control Systems**
- S4 Hydro Pneumatic & Electrical Systems**
- S5 Biomechanics & Bioengineering**

MAIN TOPICS

Abrasives; Assembly&Disassembly; Automation in Manufacturing; Automotive Industry; Autonomous & Adaptive Control Systems; Advanced Modeling Techniques; Agile Manufacturing; Artificial Intelligence in Manufacturing Systems; Agent-based Manufacturing Systems; Artificial Intelligence Methods for Manufacturing; Automated Manufacturing Systems; Biomechanics; Bioengineering Statics & Dynamics; CAD/CAPP/PPC/ CAM/CAQ/CAE; CAX-Technologies; CIM Collaborative Engineering; Computers in Manufacturing; Computational Methods & Optimization in Manufacturing; Concurrent Engineering; Cutting and Forming Tools; Control Strategies & Algorithms; Data Fusion Sensors in Manufacturing; Design Optimization; Design Automation Diagnosis & Performance Monitoring; Diagnosis & Performance Monitoring; Driving Systems; Decision Making Design; Ecodesign in Manufacturing; Experimental Techniques; Expert Systems in Manufacturing; Fixtures; Flexible Manufacturing Systems; Fluid Processing Equipment; Forming Technologies; Fuzzy Control&Systems Genetic Algorithms; Gearing; Globalization & Technology; Grinding & Finishing; Hybrid Manufacturing Processes & Systems; Hydro pneumatic systems; High Speed Machining; Human Computer Interaction/Human Machine Interface; Industrial Automation; Industrial Logistics; Industrial Robots; Industrial Cleaning & Surface Preparation; Industrial Machine Safeguarding; Innovation Strategies; Innovation Management; Intelligent & Smart Machining Systems; International Scientific, Technical & Academic Cooperation; Internet Solutions in Manufacturing; Inspection Tools&Instruments for Manufacturing; Knowledge-Based Technology; Lean Manufacturing; Learning/Reasoning Systems; Learning Machine Tools; Machine Tools; Machine Tools Accessories; Machine Tool & FMS Control; Machine & Robot Applications; Maintenance & Repair; Management & Marketing in Manufacturing Systems; Manufacturing Technologies; Manufacturing Equipment&Components; Mechatronic Systems; Metal Forming Processing; Man-Machine Systems; Management Manufacturing; Manufacturing Process Control; Manufacturing Process Planning; Mobile Robots, AGV; Modeling, Modern Methods; Modeling & Computation in Bioengineering; Network Technologies in Manufacturing; New Manufacturing Paradigms; Non-Conventional Machining; Optimal Design; PDM/PLM; Production Planning; Precision Engineering; Process Modeling & Monitoring; Prototyping; Process Control; Process Planning; Product Modeling; Production Engineering; Production Planning & Scheduling; Programming Quality Management; Prothetics; Re-engineering Business Strategies; Reliability Assurance; Retrofitting; Rapid Prototyping; Reasoning Reliability; Reliability/Safety/Stability; Robot Applications; Safety; Scheduling Self - Organizing Systems; Sensors & Actuators for Manufacturing Systems; Simulation in Manufacturing Systems; Surface Generation; Transmissions; Teleoperation Tools in Manufacturing; TQM Trends in Manufacturing & Automation; Unconventional Technologies; Vibrations; Virtual Manufacturing; Vision Systems in Manufacturing.



CONTACT ICMS 2015

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Additional information on the Conference can be found
at web address:
www.icms.ro

Please disseminate the announcement for ICMS'2015
in your Department. Thank you!

ABSTRACTS & PAPERS

- ◆ **The abstracts** (max. 350 words followed by max. 6 key words) should be submitted no later than **April 30th 2015**. Please provide the full names, affiliations, telephone no., fax no. and e-mail addresses of the authors. Please send **the abstract** as attachment in **MS Word** format **ONLY**, to: adycypmunteanu@yahoo.com. Notification of acceptance will be e-mailed to the contact authors by **June 15th 2015**.
- ◆ Papers are accepted in English, French or German, according to the Paper Template.
- ◆ A maximum number of two papers for one first author are allowed.
- ◆ The required number of pages for one paper is four, six or eight.
- ◆ The authors are kindly asked to improve their papers according to Paper Template and submit the full papers by e-mail. The deadline for papers submission is **July 15th, 2015**.

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8th INTERNATIONAL CONFERENCE ON MANUFACTURING SYSTEMS

October 22th – 23th, 2015
Iași, ROMANIA

Organized by:
Machine Tools Department

With the support of:

ALUMNI CMMI
FLUIDAS Association



Machine Manufacturing & Industrial Management Faculty
“Gheorghe Asachi” TECHNICAL UNIVERSITY of IAȘI