
The 6th edition of the
**Interdisciplinarity
in Engineering**
International Conference



<http://inter-eng.upm.ro>
October 4-5 2012

"Petru Maior" University of
Târgu Mures, Romania

The main theme of the Conference
is announced as:

**"Interdisciplinarity in
development of new
technologies"**

Organized by

**"Petru Maior" University of Târgu
Mureş**

Department of Industrial Engineering and
Management of the Faculty of Engineering

Department of Electrical Engineering and
Computer Science of the Faculty of Engineering

**The General Association of the Engineers in
Romania AGIR – Mureş Branch**

Location

INTER-ENG 2012 will be held in the city of Târgu Mureş which has not only a rich cultural heritage but is also an important intellectual center hosting museums, technical, medical and drama universities.



Founded in 1960 by the Ministry of Education and Culture and functioning without interruption under different names and higher education structures, the "Petru Maior" University numbers 53 years of existence.



The presence of this institution in Târgu Mureş has provided the old Transylvanian town that particular nucleus of spiritual, scientific and cultural life that marks the cultural level of an entire urban community where cultural, ethnical and confessional interrelationships are extremely complex and with high spiritual potential.

Conference Scope

The conference aims to promote dialogues, discussion and exchanges on how to manage industrial processes in more innovative, productive and effective manners.

The role of technology will be underlined in the context of the East European transition economies so that possible adaptations, learning, and improvement of research, practical examples, and excellent practices can be made.

The continuous improvement as a result of technological applications and organizational innovation will be the focal point.



The participants can exchange new ideas, grounds, premises, and findings in the field of industrial engineering management. Special events and remarkable key-note speakers will add a great value to the conference.

Starting from this edition there will be organized online presentation sessions, named: **Virtual Online Conference Panel**. This alternative approach is intended for researchers who aren't able to attend to the conference for different reasons but still want to have access to this scientific event.

Contact Information

<http://inter-eng.upm.ro>

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Topics

The scope of the conference includes, but is not limited to; the following major topics as they relate to the development of new Industrial technologies:

Manufacturing technology
Nano and microtechnology
Control systems technology
Worm face gear
Cold forming technology
Non-conventional technologies
Information systems technology
Simulation and modelling technology
CAD/CAM/CAE integrated systems
Computing technology
Advanced software in engineering
Coatings for high performance cutting technologies
Surface engineering
Sustainable development related technology
Renewable energy management and technologies
Waste management technology
Technologies for managing pollutants
Biomedical technology
Intelligent systems and technologies
Parallel and distributed computing
Power and energy systems
Signal and image processing
Electronics and electrotechnology
New technologies for education in engineering
Open mobile technology

Papers

Authors are invited to submit their unpublished, original work as extended abstract written in English. If accepted, the full paper has to be submitted. Full papers should follow rigorous

publishing standards. All submissions will be reviewed based on originality, significance, quality and clarity.

All accepted and presented papers will be included in the INTER-ENG 2012 International Conference Proceedings, published by "Petru Maior" University Publishing House.

The conference proceedings will be submitted for coverage in **ISI Thomson-Reuters Conference Proceedings**

Important Dates

Extended Abstract submission:

June 25th, 2012

Acceptance/rejection:

July 1st, 2012

Full papers submission:

August 26th, 2012

Notification of acceptance:

September 2nd, 2012

Camera-ready papers:

September 16th, 2012

Authors registration:

September 25th, 2012

Scientific Committee

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Organizing Committee Chairs

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Liviu MOLDOVAN, President of Scientific Committee, Vice-rector of the "Petru Maior" University of Tîrgu Mureș

Nicolae CHIRILĂ, President of Local Organizing Committee, Dean of the Faculty of Engineering, "Petru Maior" University of Tîrgu Mureș

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