

The 7th edition of the
**Interdisciplinarity
in Engineering**
International Conference



<http://inter-eng.upm.ro>
October 10-11 2013
„Petru Maior” University of
Tîrgu Mureş, Romania

The main theme of the Conference
is announced as:

*"Advanced technologies for the
next-generation manufacturing
processes"*

Organized by

**„Petru Maior” University of Tîrgu
Mureş**

Department of Technological and Managerial
Engineering of the Faculty of Engineering

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

Romanian Academy of Technical Science

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

Location

INTER-ENG 2013 will be held in the city of Tîrgu 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 Tîrgu 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 organised 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:

Advanced manufacturing technology
Virtual manufacturing design technology
Manufacturing process control
New and advanced materials
Advanced mechanical design technology
Manufacturing systems and automation
High-tech tools and systems
Nano and microtechnology
Control systems technology
Advances in gear and transmission manufacturing
Cold forming technology
Non-conventional technologies
Information systems technology
CAD/CAM/CAE integrated systems
Advanced software technology
Intelligent systems and technologies
Parallel and distributed computing technology
Power and energy systems
Signal and image processing
Electronics and electrotechnology
Optimization techniques
Sustainable development technology
Renewable energy management and technologies
Waste management technology
Pollutants managing technology
Biomedical technology
Quality control technology
Advanced mobile technology
Educational evaluation technology

Papers

Authors are invited to submit their unpublished, original work as extended abstract written in English.

Reviewed and accepted papers will be published as one dedicated issue in **Elsevier's Procedia**

Technology (ISSN: 2212-0173) and made available in open-access on Elsevier's ScienceDirect.com, which is used by millions of researchers and professionals on a monthly basis guaranteeing maximum visibility of your research paper.



Accepted papers will be submitted to **Thomson Reuters Conference Proceedings Citation Index-Science (ISI Web of Science)** for evaluation of inclusion in the list.

Important Dates

Extended Abstract submission:

May 12th, 2013

Acceptance/rejection:

May 26th, 2013

Full papers submission:

June 30th, 2013

Notification of acceptance:

July 28th, 2013

Camera-ready papers:

September 15th, 2013

Authors registration:

September 28th, 2013

Scientific Committee

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Organizing Committee Chairs

Călin ENĂCHESCU, President of the Conference, Rector of "Petru Maior" University of Tîrgu Mureş, Romania

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

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

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