



Scientific Events in 2013

1. THE 7th INTERNATIONAL WORKING CONFERENCE TOTAL QUALITY MANAGEMENT – ADVANCED AND INTELLIGENT APPROACHES – TQM 2013 with 3rd SPECIAL CONFERENCE “MANUFUTURE IN SERBIA 2013” 4 – 7 June, 2013, Belgrade, SERBIA

The main objective of the 7th TQM Conference is to provide an international forum around the world for the exchange of knowledge, experience, research results and information about various aspects of the state-of-the-art and the future development of total quality management.

The scope of the Conference covers philosophical, scientific and practical concepts concerning research, development and application of TQM-based advanced approaches.

Topics of interest include, but are not limited to:

- Business excellence models (applications and development trends);
- TQM & manufacturing management;
- World class performance;
- Attractive quality;
- Robust engineering;
- Six sigma model;
- Intelligent quality tools and methods;
- Virtual factory and virtual quality;
- Intelligent metrology in manufacturing;
- Intelligent and virtual CMM;
- Business process improvement;
- Breakthrough management;
- Organizational Excellence;
- Intelligent design for quality;
- Intelligent Business;
- Quality in Higher Education;
- Quality of the Public Services / health care;
- Advanced Quality approaches;
- Digital engineering/manufacturing;
- Manufature initiative and Micro-nano manufacturing / Metrology

Detailed informations here: <http://cent.mas.bg.ac.rs/tqm/2013/index.html>

2. THE 5th INTERNATIONAL CONFERENCE ON GEARS WITH EXHIBITION – GEARS 2013 7 – 9 October, 2013 Technical University of Munich (TUM), Garching (near Munich), GERMANY

The fifth international conference on gears and transmissions in Germany will become a broad platform for equipment manufacturers and producers and researchers of gear and transmission systems to present new solutions and their latest research results.

Climate change is one of the big issues in public discussion, in politics and industry. The conference will show, what the transmission and drive train industry can contribute to increase energy efficiency. Gears are vital in the efficiency of different applications. They transmit and vary torque between prime movers and applications.

There is still room for improvement, which will be demonstrated by the presenters. New concepts for drive trains of energy supply systems provide answers to the increasing demand for energy worldwide. These concepts must be introduced to global markets more quickly. Therefore, new designs are necessary and will be presented at the conference.

The state-of-the-art of industrial applications will be demonstrated at an exhibition beside the conference.

The conference will last three days, comprising keynote addresses and presentations in a series of plenary and parallel sessions. The official language of the conference will be English. No simultaneous translation will be provided. The conference program and the registration form will be available in June 2013.

Detailed informations here: www.vdi-gears.eu

3. THE 11th INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS IN ELECTRICAL AND MECHANICAL ENGINEERING – DEMI 2013

University of Banja Luka, Faculty of Mechanical Engineering
26 – 28 May, 2013, Banja Luka, BOSNIA & HERZEGOVINA

We are pleased to inform you that the Faculty of Mechanical Engineering Banja Luka will organize the 11th International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology, DEMI 2013. The Conference will be held from 30 May to 1 June 2013 at the Faculty of Mechanical Engineering Banja Luka.

The aim of the Conference is to review the current state of research in the field of mechanical and electrical engineering as well as information technologies. We hope that results of scientific investigations obtained by research institutions and research results obtained by industry will significantly contribute to the implementation of new technologies in production processes and induce the competitiveness of domestic industry. The Conference aims to encourage new forms of cooperation between scientific institutions and manufacturing companies, which can help those companies overcome difficulties related to the transition process and the global crisis.

We would like to invite all scientists, researchers and experts from the industry to take part in the DEMI 2013 Conference, to exchange their experiences and to present the latest results of their research.

Scope and topics of the conference:

- Production Technologies and Engineering: Production technologies, conventional and unconventional processes, production systems and computer integrated manufacturing, metrology, quality, industrial management ...
- Mechanics and Design: Mechanics of rigid and deformable bodies, Fluid mechanics, hydraulics and pneumatics, design methods, stability of structures, products design, analysis and synthesis of construction...
- Transport and Means of Transport: Engines, vehicles, railway vehicles, transport systems modeling, contemporary means and systems of transport, logistics...
- Energy and Thermal Engineering: Thermal Engineering, heating, air conditioning ventilation, refrigeration, energy efficiency, renewable energy sources ...
- Maintenance of Technical Systems, Occupational Safety: Maintenance methods and techniques design and management of maintenance systems, maintenance versus new technologies, maintenance versus environment protection, occupational safety, ...
- Mechatronics: Industrial automation, automatic control systems, proportional and servo technology, robotics...

The Conference organizer is planning marketing and commercial presentations of companies for conference participants. We would like to invite all companies to take this opportunity and present their products and services to the Conference participants.

Detailed informations here: <http://demi.rs.ba>

4. THE 6th INTERNATIONAL CONFERENCE FOR ENTREPRENEURSHIP, INNOVATION AND REGIONAL DEVELOPMENT – ICEIRD 2013

Program Theme: Regional Economic Resilience through Innovation and Enterprise
20 – 21 June, 2013, Istanbul, TURKEY

In the face of fragile economic recovery following the economic and financial crisis of 2008, many firms all around the world continue to invest in growth-enhancing activities to achieve a sustainable development.

While the crisis has heavily hit all aspects of business vested interests, investments in innovation, entrepreneurship and regional partnership have been the key priority to ensuring a strong and stable economic growth.

The objective of the conference is to gather decision makers (government, ministries and state agencies), innovation experts (universities, research and development centers, technology transfer centers, start-up centers) and practitioners (SME's, business incubators and business support organizations) to generate discussion and exchange on the potential of entrepreneurship promotion and innovation to national and regional competitiveness.

Researchers and practitioners are invited to submit workshop proposals addressing research on entrepreneurship, innovation, and regional development for ICEIRD 2013.

Detailed informations here: <http://www.iceird2013.org/>

5. THE 8th RESEARCH/EXPERT CONFERENCE WITH INTERNATIONAL PARTICIPATION – QUALITY 2013

6 – 8 June, 2013, Neum, BOSNIA & HERZEGOVINA

Organizing Committee invites all potential authors to submit abstracts (up to 100 words), not later than February 28th 2013. The official Conference languages are English, Bosnian, Serbian and Croatian. We remind authors that special section with presentations in English language will be organized at the conference.

The Research/Expert Conference will be performed as follows: plenary session (Key papers concerned global topics) and symposium (papers according to the conference topics).

Detailed informations here: <http://www.quality.unze.ba/>

6. THE 7th INTERNATIONAL SCIENTIFIC-PROFESSIONAL CONFERENCE – SB 2013 “CONTEMPORARY PRODUCTION PROCESSES, EQUIPMENT AND MATERIALS FOR WELDED CONSTRUCTIONS AND PRODUCTS”

23 – 25 October, 2013, Slavonski Brod, CROATIA

During last six meetings this conference had gathered number of experts and scientists who presented and introduced novelty in welding profession. Due to that, for the seventh time, organizers call everyone who can give their contribution to the area of welding technology and welding related techniques, automation and robotization in production of welded constructions, and all others that can, in any other way, give their contribution to development of welding practice, to

present their scientific and professional knowledge and experiences.

This year, also, there will be the exhibition of welding devices, filler metals and equipment, and all presented papers will be published in the conference proceedings and CD media. We thank to all our present partners of this conference for their contribution and welcome you in Slavonski Brod.

Topics of interest for the conference should be related but not limited to the following thematic focuses:

- New technologies and materials
- Welding processes
- Robotization and automation
- Pressure vessels
- Welding related techniques
- Manufacturing of welded construction
- Quality control of welded products
- Reliability and safety of welded productions and constructions
- Weldability of materials
- Filler metals
- Equipment for welding and welding related techniques
- Personnel and education in welding
- Metallurgy
- Ecology and occupational health
- Economical aspects of welding

Detailed informations here: <http://www.sfsb.hr/dtzb/>

7. THE 13th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE & EXPO – SGEM 2013 – SURVEYING – GEOLOGY & MINING – ECOLOGY – MANAGEMENT **Modern Management of Mine Producing, Geology and Environmental Protection** **16 – 22 June, 2013, Albena Resort, BULGARIA**

The Multidisciplinary GeoConference will bring together researchers, educators, and practitioners representing research and educational institutions, companies, government agencies and consulting organizations from all over the world to exchange of ideas, to define the research priorities and to propose potential solutions of problems related to the global changes. International Multidisciplinary Scientific GeoConference aims are:

- To provide the best platform for knowledge and experience shearing in the field of geosciences;
- To incorporate and strengthen the capacity of geo-scientists for facing the challenges of our time;
- To give the opportunities for future co-operation;
- To emphasize the role of multidisciplinary approach in revealing and solving the environmental problems in local, regional and global scale;
- To outline research direction, identify, report, and disseminate issues and/or problems in geo-sciences applications;
- To discuss the new developments and technologies in surveying geology and mining, ecology, and management, in order to ensure the sustainable use of natural resources.

SGEM International Multidisciplinary Scientific GeoConference and Expo is organized under the auspices of Ministry of environment and water, Bulgaria. Main organizers are the Academies of Sciences of the following countries: Bulgaria, Czech Republic, Iran, Latvia, Poland, Russia, Serbia, Slovakia, Ukraine, and also the Bulgarian Industrial Association.

Detailed informations here: www.sgem.org

8. FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS – FedCSIS 2013 **8 – 11 September, 2013, Kraków, POLAND**

The 2013 Federated Conference on Computer Science and Information Systems cordially invites you to consider contributing an Event (conference, symposium, workshop, consortium meeting, special session). The FedCSIS multi-conference consists of a significant number of recurring Events, but proposals for new associated Events are welcome until January 14, 2013. The Events can run over any span of time within the conference dates, from half-day to three days.

The FedCSIS Events provide a platform for bringing together researchers, practitioners, and academia to present and discuss ideas, challenges, and potential solutions on established or emerging topics related to research and practice in computer science and information systems.

The Events will be selected based on the scientific/technical interest and/or their relevance to practitioners in their topics, the clarity of the proposal in addressing the requested information, the innovativeness of the Event topics, and the capacity in the FedCSIS multi-conference program.

Detailed informations here: www.fedcsis.org

9. THE 7th INTERNATIONAL CONFERENCE ON PHYSICAL AND NUMERICAL SIMULATION OF MATERIALS PROCESSING – ICPNS '13 **16 – 19 June, 2013, Oulu, FINLAND**

Following on from its six predecessors in Harbin (1990), Hainan (1997), Beijing (1999), Shanghai (2004), Zhengzhou (2007) and Guilin (2010), this conference will be held outside China for the first time. It provides an excellent international forum for those who wish to present their latest work on advances in the field of physical and numerical simulation methods and their applications in the processing of advanced materials. Oulu will provide an excellent environment for a highly enjoyable stay during the conference with among other things 24 hours of daylight.

The main topics of ICPNS '13 will be:

- Physical simulation (Gleeble testing, torsion, dilatometry, thermal analysis, etc) of material processing: continuous casting, thermo-mechanical processing, hot rolling, forging, extrusion, forming, welding, heat treatments, etc.
- Numerical simulation and modeling of liquid metal processing, continuous casting, thermo-mechanical processes, and

- all phenomena occurring during metal processing.
- Metal surfaces: properties and behavior.
 - Processing and characterization of advanced materials.
 - Fabrication of advanced materials.

Detailed informations here: <http://www.icpns13.org/>

10. THE 3rd INTERNATIONAL CONFERENCE ON ENVIRONMENT AND INDUSTRIAL INNOVATION – ICEII 2013 19 – 20 May, 2013, Copenhagen, DENMARK

The 3rd INTERNATIONAL CONFERENCE ON ENVIRONMENT AND INDUSTRIAL INNOVATION (ICEII 2013) is the premier forum for the presentation of technological advances and research results in the fields of Environment and Industrial Innovation. ICEII 2013 will bring together leading engineers and scientists, academics and industrial experts in Environment and Industrial Innovation from around the world.

The primary goal of the conference is to promote research and developmental activities in Environment and Industrial Innovation. Another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working in India and abroad. The conference will be held every year to make it an ideal platform for people to share views and experiences in Environment and Industrial Innovation and related areas.

Topics of interest for submission include, but are not limited to:

- Advanced Ceramic-porous ceramic
- Aerodynamics
- Application of Spatial technology
- Catalysis and Environment
- Environmental Biotechnology
- Environment management
- Environmental Chemistry
- Environmental engineering
- Environmental Planning of Mines
- Environmental Pollution Control
- Fermentation Technology
- Fermentation Technology
- Industrial Environment
- Industrial Microbiology
- Industrial Microbiology
- Industrial pollution
- Land resource utility
- Pharmaceutical Technology
- Renewable Energy
- Wastewater Quality Modeling
- Wind engineering

Detailed informations here: <http://www.iceii.org>

11. THE SECOND INTERNATIONAL CONFERENCE “MECHANICAL ENGINEERING IN THE XXI CENTURY” Mechanical Engineering Faculty of the University of Niš 20 – 21 June, 2013, Niš, SERBIA

It is our great pleasure to announce that the Faculty of Mechanical Engineering, University of Niš, is organizing the Second International Conference “Mechanical Engineering in the 21st Century”. The Conference will take place in Niš on June 20-21, 2013. In recent years, the economic system has been changed in the direction of market economy, private property, and intensive creation of small and medium enterprises. The strategy and policy of the scientific and technological development of Serbia pays most attention to the innovative environment, which should assure the application of results from fundamental and applied research.

The Second International Conference “Mechanical Engineering in the 21st Century” aims to bring together researchers from scientific and industrial institutions to present and communicate their newest results, to create personal contacts, to promote research within the area of mechanical engineering, to find possibilities of cooperation in bilateral or multilateral projects, and to stimulate the participation of doctoral students.

You are cordially invited to attend and participate in the Second International Conference “Mechanical Engineering in the 21st Century”.

Detailed informations here: <http://www.masfak.ni.ac.rs>

12. EDUCATION, RESEARCH, INNOVATION – ERIN 2013 15 - 17 May 2013, Častá -Papiernička, SLOVAKIA

We are inviting you to the seventh year of the international conference for young researchers and PhD. students “EDUCATION, RESEARCH, INNOVATION - ERIN”.

The Conference is held under auspices of professor Lubomír SOOS, Dean of the Faculty of Mechanical Engineering, Slovak University of Technology in Bratislava.

The Conference ERIN will take place in Častá -Papiernička on the 15th - 17th of May 2013.

For more information see <http://erinconference.org>

The Conference topics are:

1. INNOVATION TECHNOLOGY
2. PRODUCTION TECHNOLOGY
3. SOURCES OF ENERGY
4. COMPLEMENTARY TOPIC

An accompanying program of the Conference ERIN:

- the presentation of the international companies
- an interesting excursion for conference participants to the Small Carpathian region
- awards of the winners of the competition ERIN 2013

More information about topics can be found on the website <http://erinconference.org>

**13. INTERNATIONAL CONFERENCE ON ENERGY EFFICIENCY AND AGRICULTURAL ENGINEERING – EE & AE 2013
17 – 18 May, 2013, Ruse, BULGARIA**

Following the success of previously organized EE&AE Conferences, the Organizing Committee is proud to announce the Energy Efficiency and Agricultural Engineering Conference 2013, held at the University of Ruse Angel Kanchev, on 17-18 May, 2013, Ruse, Bulgaria.

The main objectives of the Conference are to promote exchange of research results, scientific ideas and their practical implementation concerning Energy Efficiency and Education in Agriculture and to assist personal contacts between scientists and specialists, especially from South-Eastern Europe and the developing countries. Students and young scientists will be encouraged to participate in the Conference.

Main topics of the conference:

- Agricultural Waste Management
- Computer Technologies in Agriculture
- Electronics in Agriculture
- Energy and Environment in Agriculture
- Food Engineering and Biotechnology
- Higher Education and Training
- Information Systems and Precision Farming
- Land, Water and Agro-Processing Engineering
- Management and Ergonomics
- Plant and Animal Production Engineering
- Power and Machinery
- Renewable Energy Sources

More information about topics can be found on the website <http://eeae-conf.uni-ruse.bg>

**14. INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELING IN PHYSICAL SCIENCES - IC-MSQUARE 2013
1- 5 September, 2013, Prague, CZECH REPUBLIC**

It is our pleasure to circulate the announcement of the 2nd International Conference on Mathematical Modeling in Physical Sciences, IC-MSQUARE 2013. The conference aims to promote the knowledge and the development of high-quality research in mathematical fields that have to do with the applications of other scientific fields and the modern technological trends that appear in them, these fields being those of Physics, Chemistry, Biology, Medicine, Economics, Sociology, Environmental sciences etc.

IC-MSQUARE-2013 topics encompass, but are not restricted to, the following areas:

- mathematical modeling in Fundamental Physics
- evolutionary computation
- complex physical and technical systems
- software and computer complexes for experimental data processing
- qualitative modeling including fuzzy and iterative approaches to modeling
- nonlinear problems
- computational chemistry, biology, and biophysics
- new generation computing tools, distributed scientific computing
- computational modeling in engineering and science
- multiscale modeling, multiphysics modeling
- progress in discretization methods
- financial mathematics and mathematics in economics etc.

You may find details of the Conference visiting the Conference website at <http://www.icmsquare.net>.

**15. 14th INTERNATIONAL WORKSHOP ON RESEARCH AND EDUCATION IN MECHATRONICS - REM 2013
6 - 7 June, 2013, Vienna, AUSTRIA**

We would like to invite you to the 14th INTERNATIONAL WORKSHOP ON RESEARCH AND EDUCATION IN MECHATRONICS (REM 2013) organized by the Association for Supporting Automation and Robotics “Verein zur Foerderung der Automation und Robotik (F-AR)”. This is a 2 day event, promoted by the International Network of Mechatronic Universities (www.mechatronics-net.de).

The 14th INTERNATIONAL WORKSHOP ON RESEARCH AND EDUCATION IN MECHATRONICS is a very well established event in the field of research and education in Mechatronics. Experts from many different countries will come together to exchange their knowledge and experience with colleagues. REM is the basis for new networks and cooperation in R&D and in educating Mechatronics engineers. We hope to give you an opportunity for further cooperations, e.g. in student and university teachers exchange. Furthermore we include keynote presentations by renowned researchers from universities and from industry.

Topics of interest for the conference should be related but not limited to the following thematic focuses:

- Mechatronic Systems
- Methodologies and Tools
- Industrial and Mobile Robots in Production
- Education and Learning

Please consult the web site of REM 2013 for further information: <http://www.f-ar.at/REM2013>

16. IV. CENTRAL EUROPEAN CONFERENCE ON LOGISTICS - CECOL 2013
5 - 7 November, 2013, Magdeburg, GERMANY

As a result of the scientific collaboration among higher education centers of the central European zone and three previous successful editions held in Miskolc, Hungary (2010), Częstochowa, Poland (2011), Trnava, Slovak Republic (2012) the Institute of Logistics and Material Handling Systems (ILM), belonging to the Faculty of Mechanical Engineering (FMB) is proud to announce that the 4th Central European Conference on Logistics (CECOL 2013) will be held in the city of Magdeburg, Germany, during November 5th-7th, 2013.

The CECOL 2013 will provide a high-level international platform for academicians and practitioners from all over the world, to present their research results and development activities in the broad field of logistics. This way, the organizing committee is pleased to invite prospective authors to submit their original manuscripts to the conference. Topics of interest for the conference should be related but not limited to the following thematic focuses:

1. Modeling and simulation in logistics
2. Logistics process analysis and planning
3. Localization, navigation and communication in transportation and logistics
4. Manufacturing process and logistics networks simulations
5. Production planning and scheduling
6. Maintenance and robot implementation into the logistic processes
7. New teaching and research approaches in logistics

For any further information, we recommend you to have a look at the conference website www.ilm.ovgu.de/cecol2013.

17. THE 5th INTERNATIONAL CONFERENCE "MANAGEMENT OF TECHNOLOGY - STEP TO SUSTAINABLE PRODUCTION" - MOTSP 2013
29 - 31 May 2013, Novi Vinodolski, CROATIA

The 5th International Conference "Management of Technology - Step to Sustainable Production" (MOTSP 2013), will take place from 29-31 May 2013, Novi Vinodolski, Croatia, as a joint project organized by the Faculty of Mechanical Engineering and Naval Architecture and Croatian Association for PLM (CAPLM).

MOTSP 2013 conference are an occasion for researchers, scientists, engineers, and technologist from a wide variety of fields to come together to share in their synergy of management of technology and sustainable production.

We assume management of technology, stimulation of innovation, invention and transfer of technology as some of the important challenges of the developed countries and countries of transition. Technology is considered as all knowledge, products, processes, tools, methods and applied systems in production of goods or services.

Please consult the web site of MOTSP 2013 for further information: <http://www.motsp2013.org/>

18. Workshop: MODERN APPROACH TO PRODUCT DEVELOPMENT AND BUSINESS IMPROVEMENT
16 - 19 May 2013, Balatonfüred, HUNGARY

The goal of this Workshop is to highlight the modern approach to product development and improvement of business and its purpose is to inform the professional and scientific community with the following topics:

- Innovation as a key parameter in the product development process - Moderator Prof. Dr. Vojislav Miltenović
- Development as a way to improve business - Moderator Prof. Dr. Milan Gašović
- Modern methods of product development - Moderator Prof. Dr. Miroslav Vereš
- How to improve the quality and design - Moderator Prof. Dr. Duško Pavletić
- Modern technologies in product manufacturing - Moderator Prof. Dr. Stanislaw Legutko
- Project management in product development and production - Moderator Prof. Dr. Milan Ikončić
- Development and product management in the life cycle - Moderator Prof. Dr. Zoran Anišić

Hereby, we call participants to take an active participation in the Workshop by having own presentation about defined topics. After the positive reviewing their paper will be published in the journal Machine Design printed by Faculty of Technical Sciences in cooperation with ADEKO association.



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