



8th INTERNATIONAL CONGRESS
"MACHINES, TECHNOLOGIES, MATERIALS"
Topic: „Innovative Solutions for Product and Process Development”
18 – 21.09.2011
Varna, BULGARIA

ORGANIZERS & Co-ORGANIZERS

- ❖ SCIENTIFIC-TECHNICAL UNION OF MECHANICAL ENGINEERING BULGARIA
- ❖ FEDERATION OF THE SCIENTIFIC-TECHNICAL UNIONS IN BULGARIA
- ❖ TECHNICAL UNIVERSITY - SOFIA
- ❖ TECHNICAL UNIVERSITY - VARNA
- ❖ RUSE UNIVERSITY „ANGEL KANCHEV”
- ❖ TECHNICAL UNIVERSITY - GABROVO
- ❖ TODOR KABLESHKOV UNIVERSITY OF TRANSPORT, BULGARIA
- ❖ ASSOCIATION OF POLISH MECHANICAL ENGINEERS AND TECHNICIANS - POLAND

with the support of:

1. NATIONAL SCIENTIFIC -TECHNICAL SOCIETIES:

- SOCIETY OF FOUNDRY
- METAL SCIENCE AND HEAT TREATMENT SOCIETY
- AUTOMATION OF DISCRETE PRODUCTION SOCIETY
- BULGARIAN SOCIETY OF NON-DESTRUCTIVE TESTING
- GEAR TRANSMISSIONS AND DRIVING SOCIETY
- PLASTIC DEFORMATION SOCIETY
- PLASTICS IN MECHANICAL ENGINEERING SOCIETY
- SOCIETY OF POWDER METALLURGY AND COMPOSITE MATERIALS
- MANAGEMENT AND ENGINEERING SOCIETY
- ERGONOMICS AND INDUSTRIAL DESIGN

2. BULGARIAN WELDING SOCIETY

3. BULGARIAN SOCIETY OF ROBOTICS AND MECHATRONICS

4. BULGARIAN SOCIETY OF TRIBOLOGY

INVITATION

The Eight International Congress "**MACHINES, TECHNOLOGIES, MATERIALS '11 - INNOVATIONS FOR THE INDUSTRY**" will be carried out on 18th - 21st September, 2011 in the resort "St. St. Konstantin and Elena", region Varna, as a comprehensive scientific-technical manifestation, which includes **three main topics** and five special congress sub-sections: GEAR TRANSMISSIONS, ERGONOMIC AND ENGINEERING DESIGN, BULTRIB, INDUSTRIAL INFORMATICS, NANOMATERIALS

We invite scientists and researchers to present to their colleagues and to the industry representatives the results of their researches and to publish them in the web-based International scientific-technical journal "**MACHINES, TECHNOLOGIES, MATERIALS**", which is issued in print and on CD.

We invite the companies to take part with their presentations in the congress meetings and with advertisement in the congress materials to present their machines, equipment, technologies, materials and services, which are currently on the market.

We hope that in this way the Congress will become a bigger innovation mediator between scientific research and industry and we offer you to take advantage of this opportunity.

The pre-congress program for the weekend before the opening of **MTM'11** will give you the possibility to rest, to have fun and to learn about landmarks, cultural and historical sightseeing on the north coast of the Black Sea.



MAIN TOPICS

MACHINES:

KINDS: Treatment Machines; Machining Machines, Processing Machines, Connecting Machines, Casting Machines, Packaging Machines, Driving Machines, Transporting Machines, Manipulation Machines, Automation Machines, Measurement and Testing Machines.

TOOLS AND MEASUREMENT DEVICES STORAGE. TRAINING.

ACTIVITIES: Designing and Construction. Rapid Prototyping. Manufacturing. Research and Testing. Repair, Operation and Maintenance. Recycling and Utilization. Life Cycle Engineering. Re-Engineering. Training.

Special Sub-Congress Sections:

1. GEAR TRANSMISSIONS 2011
2. ERGONOMIC AND ENGINEERING DESIGN 2011

TECHNOLOGIES:

COLD AND HOT SHAPEFORMING: Metal Casting, Plastic Deformation, Welding, Soldering and Adhesive Bonding, Machining. **SURFACE TECHNOLOGIES. SURFACE TREATMENT. SURFACE MACHINING. CHANGING OF PROPERTIES. TESTING, MEASUREMENT AND CONTROL. AUTOMATION. INFORMATION TECHNOLOGIES. LOGISTIC. LOAD TREATMENT. MANAGEMENT ENGINEERING. INDUSTRIAL DESIGN. ENERGY SAVING AND ENVIRONMENT FRIENDLY TECHNOLOGIES. TRAINING**

Special Sub-Congress Sections:

1. BULTRIB 2011
2. INDUSTRIAL INFORMATICS 2011

MATERIALS:

KINDS: Metal Materials, Non-Metal Materials, Tool Materials, Structural Materials, Accessory Material.

MATERIALS SCIENCE. TRAINING

Special Sub-Congress Section: NANOMATERIALS 2011

IMPORTANT TERMS

The full text of the papers, payments and Participation [Form "B"](#) or [online registration](#) should be sent: **30.04.2011**

Announcement of the plenary and sectional session's program on our web page: www.mech-ing.com/mtm: **31.07.2011**

The Organizing Committee will receive posters up to: **01.09.2011**

Receiving of the application for transfer and Pre Congress Program: **01.09.2011**

Registration of the participants: **19.09.2011**

Opening of the congress: **20.09.2011**

REGISTRATION

[Online registration](#) and the whole information about Honorary Committee, International Program Committee, National Organizing Committee, instructions for making papers and posters, fees, payments, visas and transfers on: <http://www.mech-ing.com/mtm/index.html>

For participants in the Congress and accompanying persons for the weekend before the opening of **MTM'11** will give you the possibility to rest, to have fun and to learn about landmarks, cultural and historical sightseeing on the north coast of the Black Sea. You can find more information about the Pre-Congress Program here: [Pre-CP1](#), [Pre-CP2](#), [Pre-CP3](#)

PUBLICATION

- ❖ Detached issue of the web based International Scientific-Technical Journal ["MACHINES, TECHNOLOGIES, MATERIALS"](#) (ISSN 1313-0226).
- ❖ In CD, containing all papers.

CORRESPONDENCE ADDRESS



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