

TOPIC "INNOVATIONS FROM SCIENCE TO INDUSTRY"

ORGANIZER SCIENTIFIC-TECHNICAL UNION OF MECHANICAL ENGINEERING BULGARIA

CO-ORGANIZERS

Federation of the Scientific-Technical Unions in Bulgaria Technical University Sofia Technical University Varna Technical University Gabrovo Ruse University "Angel Kanchev" Todor Kableshkov University of Transport Sofia University of Chemical Technology and Metallurgy Sofia Society of Polish Mechanical Engineers and Technicians (SIMP) Association of Mechanical Engineers - Slovakia Association of Mechanical Engineers - Czech Republic Union of Metallurgists – Macedonia Higher Education Academy of Sciences of Ukraine Union of Mechanical Engineers - Ukraine Scientific – Technical Association China Scientific and Technical Unions Varna

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 and Destructive testing
- 2. Bulgarian Welding Society
- 3. Bulgarian Society of Robotics and Mechatronics
- 4. Bulgarian Society of Tribology

- Plastics in Mechanical Engineering Society
- Society of Powder Metallurgy and Composite Materials
- Management and Engineering Society
- Ergonomics and Industrial Design Society
- Industrial Informatic Society

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INVITATION

Dear Colleagues,

The summer session of the XIII International Congress "MACHINES.TECHNOLOGIES. MATERIALS - INNOVATIONS FROM SCIENCE TO INDUSTRY" will be held from 14th to 17th September, 2016 in the resort "St. St. Konstantin and Elena", region Varna, as a comprehensive scientific-technical event, which includes three main topics. The Congress program includes also five special congress sub-sections which were held separately till now.

We invite the scientists and the researchers to present the results of their research works before the academic society and the industry representatives and to publish them in the international scientific magazines, issued by the Scientific-Technical Union of Mechanical Engineering.

We invite companies with presentations at the congress sessions and advertising materials to present their available on the market machines, equipment, technologies, materials and services.

We hope the Congress *MTM'16* will play a leading role as an innovation mediator between the scientific research and industry and we offer you to take advantage of this opportunity.

The weekend program after the *MTM*'16 opening will give you a chance for rest, entertainment and learning more about the cultural, historical and natural attractions of the northern coast of Black Sea.

Prof. D.Sc. DHC Georgi Popov,

President of Bulgarian Scientific-Technical Union of Mechanical Engineering, Chairman of the International Program Committee

SCIENTIFIC PROGRAM

TOPICS

1. MACHINES:

Design and Construction. Rapid Prototyping. Manufacturing. Investigation and Testing. Exploatation, Maintenance and Repair. Modernization. Recycling and Utilization. Life Cycle Engineering. Re-Engineering. Training.

2. TECHNOLOGIES:

Metal Casting, Plastic Deformation, Welding, Soldering and Adhesive Bonding, Machining.

Surface Treatment. Changing of Properties. Testing, Measurement and Control. Mathematical modeling of technological processes.

Automation. Logistic. Load Treatment. Management and Engineering. Energy Saving and Environment Friendly Technologies. Training.

3. MATERIALS:

Materials Science. Metal Materials, Non-Metal Materials, Tool Materials, Construction Materials, Accessory Material. Composites. Training.

SPECIAL CONGRESS SUB- SECTIONS

- 1. POWER TRANSMISSIONS 2016 (mechanical, electrical, hydraulic and pneumatic)
- 2. INDUSTRIAL DESIGN ENGINEERING & ERGONOMICS 2016
- 3. INDUSTRIAL INFORMATIC 2016
- 4. KNOWLEDGE. CREATIVITY. INNOVATIONS 2016
- 5. INDUSTRIAL MANAGEMENT 2016
- 6. NANOMATERIALS 2016
- 7. BULTRIB 2016

The official language of the Congress MTM'16 is English.

CALL FOR PAPERS

Scientists from all over the world are kindly invited to present the results of their researches in the plenary, section and poster sessions or in the special congress sub-sections.

Companies, offering machines, materials, technologies and services on the market, are also invited to present practical results in accordance with the congress topics in the form of company presentations and advertisement at the congress halls and in the congress printed issues.

Paper's abstract up to 200-350 words, **written in English,** in .doc or .docx format, with up to 10 keywords, authors' names and titles, occupation and e-mail address, together with the Author's Response (<u>Form A</u>) or the <u>online registration</u> has to be sent to the Organizing Committee not later than 15.05.2016.

The Author's response Form A will be registered in the section <u>"Received Abstracts and Papers"</u> of the congress web-site and a registration number will be given the paper. The Organizing Committee recommended the authors use this registration number in the further correspondence and if the files sent also begin with this number and the phrase "mtm16-s". For example: **131 Spenser mtm16-S.doc.**

Authors of the approved papers will be informed about the Program Committee's decision not later than **31.05.2016**.

Only papers formatted in accordance with the <u>graphical</u> and <u>text</u> instructions, accepted peerreviewed and presented at the oral and poster congress sections will be published.

The full text papers up to 4 pages, written in English, must be sent not later than **31.07.2016** by email, together with the Application form for participation (Form B) or <u>online registration</u>. The name of the paper's file has to consist of the registration number, author's name and the phrase "**mtm16**". For example: "**131 Spenser mtm16-S.doc**"

If the authors cannot participate personally in the Congress, they can participate in the poster session. In that case the author should pay only the publication fee and the paper will be published in the congress journals. The poster papers have to be formatted according to the poster graphical and text instructions. They should be sent by e-mail until 01.09.2016 so the papers could be presented at the Congress. The Organizing Committee takes the obligation to print the poster and to include it in the poster session.

All instructions can be found on the congress website: <u>http://mtmcongress.com</u> An example of the title page can be downloaded there, so the authors could write easy the whole paper according to the requirements.

PUBLICATIONS

All papers included in the congress scientific program will be published as follows:

- **All reports** submitted on the Bulgarian, Russian, English or German: in a separate volume with ISSN 1310-3946 for each thematic session;

- CD containing all the papers;

- **Papers written in English:** in the separate issue of the international scientific journals according to the themes of the reports:

- "Machines.Technologies.Materials" (ISSN 1313-0226).

- "Innovations in discrete productions" (ISSN 1314-8907).

- "Materials Science. Non-Equilibrium Phase Transformations" (ISSN 1313-0226).

- "Science.Business.Society".

FEES AND PAYMENTS

	EURO	
TYPE OF FEE	Up to	After
	31.07.2016	31.07.2016
1. Congress fees:		
1.1. Participation Fee	000 / 400*	050 / 400
	200 / 120*	250 / 180*
Includes: Published in the issue of international periodical magazine " Reports of the Scientific-Technical UNION of Mechanical Engineering ", ISSN 1310-3946 and in international scientific journals according to the themes of the reports, Welcome cocktail, congress materials, coffee breaks, CD with all congress contributions.		
1.2. Fee for second and third paper - only publication fee	90	130
2. Accompanying person (including co-authors)		
Includes: Welcome cocktail, congress materials, coffee breaks		
	110	150
3. Publication fee (For authors who cannot participate personally in the		
congress)	90	130
Includes: Published in the issue of International periodical magazine "Reports of		
the Scientific-Technical UNION of Mechanical Engineering ", ISSN 1310-3946		
and in International scientific journals according to the themes of the reports, CD		
with all papers and printing of the poster paper in A1 format.		
4. Additional payments:4.1. For receiving the printed issue of the journal at the Congress (volume with the	20	20
papers).		
4.2. For receiving the printed issue of the journal by post (volume with the papers).	30	30

* Reduced fee for Young scientists in 35 years.

OVERNIGHT STAYS

Hotel "Aqua Azur"****

Price per night: single room 35 Euro, double room - 45 Euro

PAYMENTS

Bank transfer to the account of the Scientific and Technical Union of Mechanical Engineering at ProCredit Bank:

IBAN: BG70 PRCB 9230 100779 0813, BIC: PRCBBGSF

Beneficiary: NTS mashinostroene.

Please write in the payment document "MTM'16" and your registration number which you may find here: <u>http://www.mtmcongress.com</u> in the section "<u>Received abstracts and papers</u>"

In cash at the office of the Scientific and Technical Union of Mechanical Engineering: 1000 Sofia, 108 "G. S. Rakovski" str. Office №411.

All bank charges related to the transfer are borne by the participant.

GENERAL INFORMATION

THE VENUE

Registration, opening, plenary and sectional sessions: Hotel "Aqua Azur" ****. Address: Varna, PO Box 9006, Resort "St. Konstantin and Elena ": ACCOMODATION

Hotel "Aqua Azur" ****

If arriving by car you may use the GPS coordinates of the hotel "Aqua Azur":

N 43grad 14,277' EO 28grad 00,828'

TIME TABLE

14.09.2016 (Wednesday) Registration of the participants.
15.09.2016 (Thursday) Opening ceremony 10:00. Plenary session. Congress sessions. Special Congress Sub-sections. Poster session. Welcome party.
16.09.2016 (Friday) 09:00 Congress sessions. Closing of the Congress.
17.09.2016 (Saturday) Departure of the participants.

PUBLIC TRANSPORT

From the airport to the hotel "Aqua Azur": there is a direct bus line 409 (23th stop "Minyor"). From the bus station to the hotel "Aqua Azur": there is a direct bus line 409 (16-th stop "Minyor"). From the railway station to the hotel "Aqua Azur" - Bus 9 (the last stop in the center of the resort "St. St. Konstantin and Elena". The hotel "Aqua Azur" is 250 meters away.

REGISTRATION

In the lobby of the hotel "Aqua Azur 14.09.2016 from 16.00 to 20.00 and 15.09.2016 from 08.00 to 10.00. ENTRY TO BULGARIA

Visitors from the European Union coming to Bulgaria need an identity document.

Visitors from other countries require an entry visa.

Visitors are recommended to contact the Bulgarian Embassy (you can find them on: <u>http://www.mfa.bg/en/</u>) or Consulate in their own country for information on visa requirements. If an official letter of invitation is requested, please contact the Congress Secretariat in due time (before the registration deadline).

TIME

Bulgaria is in the Eastern European Time Zone (GMT+2)

WEATHER

Air temperature: on 14.09.2015 - 28,2 °C and on 17.09.2015 - 28,4 °C.

Sea temperature: on 14 and 17.09.2015 - 26 °C

Check the weather in real time here: http://weather.bg/indexen.php

CURRENCY

The official currency is the lev (plural: leva).

1 euro = 1.95583 lev

All major credit cards (e.g. VISA, MasterCard, Eurocard) are usually accepted in Bulgaria

EMERGENCY SERVICES

Uniform European telephone number for emergency situations: 112

DEADLINES

The Abstract of the paper and Author's Response Form "A" or online	15.05. 2016
registration should be sent up to	
Confirmation of the abstract approval	31.05. 2016
The Full text of the paper(s) and Participation Form "B" or online	31.07. 2016
registration should be sent up to	
Payment of the Congress fees	31.07. 2016
Announcement of the Congress program on the web page:	01.09. 2016
http://www.mtmcongress.com/summer/1.xls	
The Organizing Committee will receive posters up to	01.09. 2016
Registration of the participants	14.09. 2016
Opening of the congress 10.00 h	15.09. 2016
Departure of the participants	17.09. 2016

CONGRESS SECRETARIATE

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