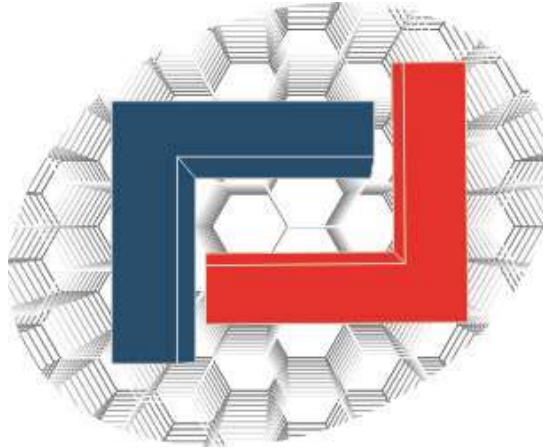

IX INTERNATIONAL CONFERENCE FOR YOUNG RESEARCHERS "TECHNICAL SCIENCES. INDUSTRIAL MANAGEMENT"

07 – 10.09.2015 BURGAS, BULGARIA



ORGANIZER

SCIENTIFIC-TECHNICAL UNION OF MECHANICAL ENGINEERING BULGARIA

CO-ORGANIZERS

Federation of the Scientific-Technical Unions in Bulgaria
"Knowledge Society" Institute - Bulgaria
Technical University – Sofia
Technical University – Varna
Technical University – Gabrovo
Ruse University „Angel Kanchev”
Todor Kableshkov University of Transport, Bulgaria
University of Chemical Technology and Metallurgy – Sofia
Society of Polish Mechanical Engineers and Technicians (SIMP) – Poland
Slovak Association of Mechanical Engineers – Slovakia
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*
- *Plastics in Mechanical Engineering Society*
- *Society of Powder Metallurgy and Composite Materials*
- *Management and Engineering Society*
- *Ergonomics and Industrial Design*
- *Industrial informatic*

2. Bulgarian Welding Society

3. Bulgarian Society of Robotics and Mechatronics
4. Bulgarian Society of Tribology

INTERNATIONAL PROGRAM COMMITTEE

Chairman: Prof. Dr Econ. Cyril Angelov (Bulgaria)

Members:

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Prof. Irena Macherinskine (Lithuania)
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NATIONAL ORGANIZING COMMITTEE

Chairman:

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Prof. Kiril Angelov
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Assoc. Prof. Dr. Dimtcho Stoilov
Assoc. Prof. Dr. Benislav Vanev
Prof. Ivan Dimitrov
Assoc. Prof. Dr. Pepo Yordanov

INVITATION

Dear Colleagues,

The Ninth International Conference for Young Researchers "**TECHNICAL SCIENCES. INDUSTRIAL MANAGEMENT**" will be held from 7th to 10th September, 2015 in Burgas, neighborhood Sarafovo, hotel ATLANTIS Resort&Spa. The conference is a place for meetings and self-expression of students, PhD students, and young researchers up to 35 years old from around the world.

Right after the closing of the conference starts one of engrossing scientific forum – International Conference "**Innovations in Engineering**" (www.innova-eng.eu). The next week, from 14 to 19 September in Varna will be held two scientific events - International Scientific Conference "**Materials science. Non-equilibrium phase transformations**" (www.material-science.eu) and the XII International Congress "**Machines, Technologies, Materials**" (www.mtmcongress.com).

That is a wonderful opportunity for the participants in the conference to attend the scientific forums and to meet and interact with some of the most authoritative scientists in the field of technical sciences.

We invite students, PhD students and young researchers up to 35 years from all over the world to present the results of their researches and creative pursuits and to publish them according to the thematic focus in the international scientific and technical journals that we issue: "**Machines, Technologies, Materials**", „**Knowledge Society**” u „**Innovations in discrete productions**".

The conference is a place to share and discuss experience and new ideas, for acquaintances and new friendships. They are inherent to young people and are necessary for the career development of researchers.

The program of the IX. scientific-technical conference for young researchers "**Technical Science. Industrial Management**" will allow for rest, entertainment and learning about cultural, historical and natural sightseeing along the coast of the Black Sea.

Prof. Dr. Eng. Georgi Popov

Chairman of the National Organizing Committee and

Chairman of the Scientific-Technical Union of Mechanical Engineering

Prof. Dr. Econ. Cyril Angelov

Chairman of the International Program Committee

SCIENTIFIC PROGRAM

TOPICS

1. MACHINES. TECHNOLOGIES. MATERIALS

Mechanics and Machine Elements. Design and engineering, rapid prototyping. Production. Examination and testing. Repair, operation and upkeep.

Metal casting, plastic deformation, welding, soldering and gluing, machining. Energy saving technologies. Technologies.

Materials. Metal, non-metal, instrumental, structural, auxiliary, composite materials.

2. ERGONOMICS AND INDUSTRIAL DESIGN:

Corrective and proactive ergonomics. Ergonomic systems, studies and evaluations. Ergonomic design. Interior Design. Fashion design. Graphic design. Industrial design.

3. AUTOMATION AND INFORMATION TECHNOLOGIES:

Production automation. Robots and manipulators. Artificial intelligence systems. Computer systems and technologies. Computer and software engineering. Information technology. Automated data and management processing.

4. KNOWLEDGE. CREATIVITY. INNOVATIONS

Knowledge management. Business strategies and knowledge management strategies. Management tools. Technological entrepreneurship and business intelligence. Organizational behavior and leadership. Creative process and creative products. Creative techniques. Technologies of creativity and innovation.

Innovation process. Open innovation. Transfer of knowledge and innovations. Knowledge and innovation audit

5. INDUSTRIAL MANAGEMENT

Management of industrial enterprises. Innovation and investment management. Statistical research and forecasting. Entrepreneurship and business planning. Engineering and Reengineering.. Project management and risk management. Logistics. Human resource management. Applied IT and Systems.

6. WORKSHOP „VIRTUAL DESIGN AND MECHATRONICS”

Presentation of innovative ideas and wide discussion for new opportunities for the application of CAD systems:

CAD systems and mechanical engineering.

Robotics and mechatronics.

Innovative technologies for computer design (CAD /CAE).

The official language of the IX International Conference “Technical Sciences. Industrial Management” 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.

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* (***Form A***) or the [online registration](#) has to be sent to the Organizing Committee not later than **April 30, 2015**.

The *Author’s response Form A* will be registered in the section **[“Received Abstracts and Papers”](#)** of the congress web-site and a registration number will be given the paper. The Organizing Committee will be appreciated, if the authors use this registration number in the further correspondence and if the files sent also begin with this number and the phrase **“tsim”**. For example: **131_Spenser_tsim.doc**.

Authors of the approved papers will be informed about the Program Committee’s decision not later than **April 30, 2015**.

Only papers formatted in accordance with the **[graphical](#)** and **[text](#)** instructions, accepted peer-reviewed 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 **July 30, 2015** by email, together with the *Application form for participation* (***Form B***) or **[online registration](#)**. The name of the paper’s file has to consist of the registration number, author’s name and the phrase **“tsim”**. For example: **“131_Spenser_tsim.doc”**

The conference papers will be published in distinct issue of International scientific journals **[“Machines, Technologies, Materials”](#)** (ISSN 1313-0226) or **[„Knowledge Society”](#)** (ISSN 1313-0226) or **[„Innovations in discrete productions”](#)** (ISSN 1314-8907).

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 **September 01, 2015** 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 conference website: **www.youngconference.com**. 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 will be published** in separate volumes for each subject session of **Scientific Announcements of the Scientific-Technical Union of Mechanical Engineering** (ISSN 1310-3946). The volumes will be deposited at the Saints Cyril and Methodius National Library, as well as at the National Scientific and Technical Library

Papers written in English: in the separate issue of the International scientific journals [“Machines, Technologies, Materials”](#) (ISSN 1313-0226) or [„Knowledge Society”](#) or [„Innovations in discrete productions”](#) (ISSN 1314-8907).

➤ **CD** containing all the papers.

➤ **Author’s reprints**, containing the title page, contents and the paper printed with the pagination of the pages.

The volumes and issues will be deposited in the National Library "St. St. Cyril and Methodius", Central Scientific and Technical Library.

FEES AND PAYMENTS

Fee	Euro	
	Until 30.07.	After 30.07.
1. Conference Fees: 1.1 Participation fee for the IX. International Scientific-Technical Conference for young researchers “Technical Science. Industrial Management” Includes: “Welcome” cocktail, conference materials, coffee breaks, publication in one of the international scientific-technical journals “Machines.Technologies.Materials” , “Knowledge Society” or “Innovation in Discrete Production” depending on the topic, and in the periodical “Scientific Proceedings of Scientific-Technical Union of Mechanical Engineering” , ISSN 1310-3946, author’s scroll (includes cover page, title page, contents of the journal, and the paper with color graphs), CD with all papers, presented at the conference. The fee also includes: CD with all papers from “Innovations in Engineering” conference, participation in the sessions of the Conference, coffee breaks, and cocktail. 1.2. For the second and third paper, you pay only the publishing fee	90	120
02. Accompanying person (coauthors included) Includes: “Welcome” cocktail, conference materials, coffee breaks	60	90
03. Publication fee (For authors who will participate with posters) Includes: Publication of the paper in one of the international scientific-technical journals “Machines.Technologies.Materials” , “Knowledge Society” or “Innovation in Discrete Production” depending on the topic, and in the periodical “Scientific Proceedings of Scientific-Technical Union of Mechanical Engineering” , ISSN 1310-3946, author’s scroll (includes cover page, title page, contents of the journal, and the paper with color graphs), CD with all papers, presented at the conference and A2 print of the poster paper.	50	80
04. Additional payments: 4.2 to receive the volume of the journal (conference proceedings) at the conference	20	20
4.3 to receive the journal (conference proceedings) by mail;	30	30

OVERNIGHT STAYS

[Hotel ATLANTIS Resort&Spa.](#)

Price per night: single room 35 Euro, double room - 40 Euro

PAYMENTS

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

IBAN: BG20 PRCB 9230 140779 0813, BIC: PRCBBSF

Beneficiary: NTS mashinostroene

Please write in the payment document "TSIM" and your registration number which you may find here: www.youngconference.com in the section "[Received abstracts and papers](#)"

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.

IMPORTANT NOTICE:

1. All bank fees, in regards to the transaction are paid by the participant.

GENERAL INFORMATION

THE VENUE

Registration, opening, plenary and sectional sessions: [Hotel ATLANTIS Resort&Spa](#).

ACCOMODATION

[Hotel ATLANTIS Resort&Spa](#), Burgas, neighborhood Sarafovo, Angel Dimitrov 58 Str.

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

N 43° 5629742 E 28° 5293967

TIME TABLE

07.09.2015 (Monday) 16.00 - 20.00 Registration of the participants.

08.09.2015 (Tuesday) 08.00 - 10.00 Registration of the participants.

Opening ceremony 10:00. Plenary session. Section sessions. Workshop. Poster session. "Welcome" cocktail.

09.09.2015 (Wednesday) 09:00 Section sessions. Poster session. Workshop Closing of the Conference.

10.09.2015 (Thursday) Departure of the participants

PUBLIC TRANSPORT

From the airport Burgas to the [Hotel ATLANTIS Resort&Spa](#): The bus stop is in front of the airport. You need bus №15 (**get off at the stop 4th stop - last stop**). After 250 meters is the hotel.

From the bus station „South” and railway station to the **Hotel ATLANTIS Resort&Spa**: The bus stop is in front of the stations. You need bus №15 (**get off at the last stop**). After 250 meters is the hotel

REGISTRATION

In the conference blok of the [Hotel ATLANTIS Resort&Spa](#),

07.09.2015 from **16.00** to **20.00** and **08.09.2015** 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: <http://www.mfa.bg/en/>) or Consulate in their own country for information on visa requirements. If an official letter of invitation is requested, please contact the Conference Secretariat in due time (before the registration deadline).

TIME

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

WEATHER

Air temperature in Burgas during the first half of September : 28 °C - 30 °C

Temperature of the See in Burgas during the first half of September : 24 °C - 26 °C

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

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

DEADLINES

The Abstract of the paper and Author's Response Form "A" or online registration should be sent up to	30.04.2015
Confirmation of the abstract approval	30.04.2015
The Full text of the paper(s) and Participation Form "B" or online registration should be sent up to	30.07.2015
Payment of the Congress fees	30.07.2015
Announcement of the Congress program on the web page: www.youngconference.com/	01.09.2015
The Organizing Committee will receive posters up to	01.09.2015
Registration of the participants 16.00 - 20.00 h	07.09.2015
08.00 - 10.00 h	08.09.2015
Opening of the conference 10.00 h	08.09.2015
Departure of the participants	10.09.2015

CONFERENCE SECRETARIATE

Scientific-Technical Union of Mechanical Engineering

108 Rakovski str., 1000 Sofia

tel./fax (+359 2) 986 22 40, tel. (+359 2) 987 72 90

Mobile: +359 888003582

office@youngconference.com, www.youngconference.com/ Skype:

NTSMashinostroene1966