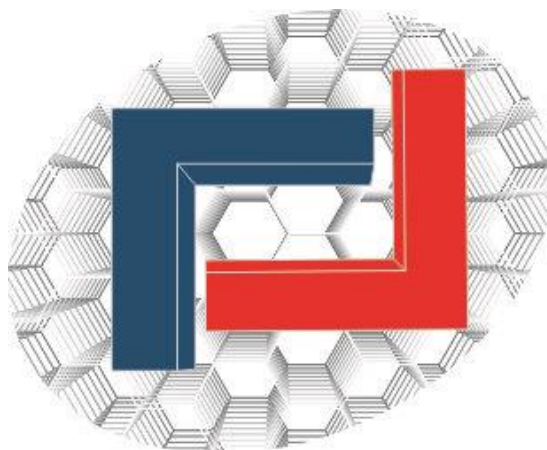


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# **XIX INTERNATIONAL CONFERENCE FOR YOUNG RESEARCHERS "TECHNICAL SCIENCES. INDUSTRIAL MANAGEMENT"**

**03 – 06.09.2025, VARNA, BULGARIA**



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## **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  
Association of Mechanical Engineers - Czech Republic  
Union of Mechanical Engineers - Ukraine  
Scientific – Technical Association - China

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

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Elizabeta Hristovska, Prof. (North Macedonia)  
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Yvonne Novak-Marchinchin, Prof. (Slovakia)

## **NATIONAL ORGANIZING COMMITTEE**

### **Chairman:**

Dr. Eng. Raycho Georgiev

### **Members:**

Assoc. Prof. Dr. Alexandra Parashkevova  
Assoc. Prof. Dr. Dimtcho Stoilov  
Eng. Oleg Mihaylov  
Eng. Radoslav Daskalov

# INVITATION

Dear Colleagues,

The XIX International Conference for Young Researchers **"TECHNICAL SCIENCES. INDUSTRIAL MANAGEMENT"** will be held from 03<sup>th</sup> to 06<sup>th</sup> September 2025 in Varna. 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.

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 journals that we issue: **"Machines, Technologies, Materials"**, **"Science.Business.Society"**, **"Innovations"**, **"Industry-4.0"** and others ([www.stumejournals.com](http://www.stumejournals.com)).

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 XIX Scientific conference for young researchers **"Technical Science. Industrial Management"** will give you a chance for rest, entertainment and learning more about the cultural, historical and natural attractions of the Northern Black Sea Coast.

**Prof. Dr. Eng. Georgi Popov, DHC**

*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.

Energy saving technologies. Technologies.

Creation of new and advanced design and process management in the oil refining and petrochemical, chemical, metallurgical, plastic and rubber, paper, textile, leather, pharmaceutical and others industries. Creation of new highly effective materials for the technique and household by using organic and inorganic technologies.

Ecologically clean technologies. Waste treatment. Solar and hydrogen power engineering. Energy recuperation.

Materials. Metal, non-metal, instrumental, structural, auxiliary, composite materials. Nanotechnologies, nanoelectronics, nanometrology, nano-equipment and nanoindustry.

#### 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. OTHER SCIENTIFIC TOPICS

*The official language of the XIX 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 **30.06.2025**.

The *Author's response Form A* will be registered in the section ["Received Abstracts and Papers"](#) of the conference 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**.

Only papers formatted in accordance with the [graphical](#) and [text](#) instructions, accepted peer-reviewed and presented at the oral and poster conference sections will be published.

**The full text papers** up to 4 pages, written in English, must be sent not later than **30.07.2025** 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"**

**If the authors cannot participate personally in the Conference, 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 conference journals. The poster papers have to be formatted according to the poster [graphical](#) and [text](#) instructions. They should be sent by e-mail until **20.08.2025** so the papers could be presented at the Conference. 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](http://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 conference scientific program will be published as follows:

**All reports will be published** in separate volumes for each subject session of "International Conference for Young Researchers Technical Sciences and Industrial Management" - ISSN 2535-0196 (Print), ISSN 2535-020X (Online)

. 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 ([www.stumejournals.com](http://www.stumejournals.com)) depending on the theme:

- "[Machines.Technologies.Materials](#)" (Print ISSN 1313-0226, Web ISSN 1314-507X).
- "[Innovations](#)" (Print ISSN 1314-8907, Web ISSN 2534-8469).
- "[Materials Science. Non-Equilibrium Phase Transformations](#)" (Print ISSN 2367-749X, Web ISSN 2534-8477).
- "[Science.Business.Society](#)" (Print ISSN 1313-0226, Web ISSN 2534-8485).
- "[Trans&Motauto World](#)" (Print ISSN 2367-8399, Web ISSN 2534-8493)

- "[Industry - 4.0](#)" (Print ISSN 2534-8582, Web ISSN 2534-8582)

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 30.07.2025	After 30.07.2025
<b>1. Conference Fees:</b> <b>1.1 Participation</b> fee for the XIX International Scientific Conference for young researchers "Technical Science. Industrial Management" <b>Includes:</b> "Welcome" cocktail, conference materials, coffee breaks, publication in one of the international scientific journals depending on the topic, and in the periodical "International Conference for Young Researchers Technical Sciences and Industrial Management" - ISSN 2535-0196 (Print), ISSN 2535-020X (Online). <b>1.2.</b> For the second and third paper, you pay only the publishing fee	150         90	200         120
<b>02. Accompanying person (coauthors included)</b> <b>Includes:</b> "Welcome" cocktail, conference materials, coffee breaks	100	150
<b>03. Publication fee</b> (For authors who will participate with posters) <b>Includes:</b> Publication of the paper in one of the international scientific journals depending on the topic, and in the periodical "International Conference for Young Researchers Technical Sciences and Industrial Management" - ISSN 2535-0196 (Print), ISSN 2535-020X (Online), and A1 print of the poster paper.	90	120
<b>04. Additional payments:</b> <b>4.1</b> to receive the volume of the journal (conference proceedings) at the conference <b>4.2</b> to receive the journal (conference proceedings) by mail;	30  40	30  40

## OVERNIGHT STAYS

**Hotel Complex Frédéric Joliot-Curie International House of Scientists**

Price per night: single room 55 Euro, double room - 70 Euro

## PAYMENTS

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

**IBAN:** BG53 PRCB 9230 1449 8985 01

**BIC:** PRCBBGSF

**Beneficiary:** NTS Mashinostroene "Industry-4.0"

Please write in the payment document "**tsim-25**" and your registration number which you may find here: <http://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.**

## GENERAL INFORMATION

### THE VENUE

Registration, opening, plenary and sectional sessions: Congress center in hotel "Frédéric Joliot-Curie"..

Address: Varna, Resort "St. Konstantin and Elena "

### ACCOMMODATION

Hotel Complex [Frédéric Joliot-Curie International House of Scientists](#)

If arriving by car you may use the GPS coordinates:

**GPS coordinates 43°13'52.4"N 28°00'42.2"E**

### **PUBLIC TRANSPORT**

From the airport bus line 409 (23th stop "Botanicheska gradina").

From the bus station bus line 409 (16th stop "Botanicheska gradina").

From the "Botanicheska gradina" stop, continue in the direction of traffic (about 50 meters) and on the right there are steps leading to "67th" street. Follow the street to the intersection (about 300 meters), on the other side of the street is the entrance to the complex, about 150 meters away is the hotel. A second option is to transfer from bus #409 to bus #31a, they have 6 bus stops in common between "Pikadili park" and "Balkan".

From the railway station bus line 31a (19th stop "Sv.Sv.Konstantin i Elena"). From the stop go in the opposite direction of traffic and immediately on the left, the hotel is about 200 meters away.

GPS coordinates 43°13'52.4"N 28°00'42.2"E

### **TIME TABLE**

**03.09.2025** (Wednesday) Registration of the participants.

**04.09.2025** (Thursday) Opening ceremony 10:00. Plenary session. Conference sessions. Poster session. Welcome party.

**05.09.2025** (Friday) 09:00 Conference sessions. Closing of the Conference.

**06.09.2025** (Saturday) Departure of the participants.

### **REGISTRATION**

In front of the Congress center in hotel "Frédéric Joliot-Curie"

**03.09.2025** from **16:00** to **20:00** and

**04.09.2025** 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/>) 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**

Average air temperature in Borovets in this period – minus 3,4 °C.

Snow cover out on the slopes in Borovets during this period – 180 cm.

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 <a href="#">Form "A"</a> or <a href="#">online registration</a> should be sent up to	30.06.2025
The Full text of the paper(s) and Participation <a href="#">Form "B"</a> or <a href="#">online registration</a> should be sent up to	30.07.2025

