



XXV INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE

FOUNDRY 2018

18-20. APRIL 2018, PLEVEN, BULGARIA

TOPIC

„INNOVATIONS FOR THE FOUNDRY ENGINEERING”

ORGANIZER

SCIENTIFIC-TECHNICAL UNION OF MECHANICAL ENGINEERING

CO-ORGANIZERS

Federation of the Scientific-Technical Unions in Bulgaria

Technical University - Varna

Technical University – Sofia

Rousse University „Angel Kanchev”

Technical University – Gabrovo

University Of Chemical Technology and Metallurgy - Sofia

Union of Metallurgists - Macedonia

Association of Polish Mechanical Engineers and Technicians – Poland

Associations of Science and Technology - China

**WITH THE COOPERATION OF NATIONAL SCIENTIFIC-TECHNICAL SOCIETY
“FOUNDRY”**

INTERNATIONAL PROGRAM COMMITTEE

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Scientific Secretary: Assoc. Prof. Dr. Georgi Rashev	Technical University Gabrovo, Bulgaria

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Assoc. Prof. Tsanka Dikova	Medical University Varna, Bulgaria
Prof. Dr. Jan Dusza	Technical University Cochise, Slovak Republic

INVITATION

Dear Colleagues,

The forthcoming XXV International scientific – technical conference "Foundry 2018" will be held of the 18 and 22 April 2018 at "Rostov" hotel in the city of Pleven, Bulgaria. Its aim is to provide a meeting place for scholars from different countries to present their scientific achievements and to discuss the problems of casting production. The conference will provide the opportunity for new *ще даде възможност за нови acquaintances and friendships*, and this leads to the generation of new ideas.

We invite the companies with their own presentations at the conference to present their machines, equipment, technologies, materials and services, which they offer to the market. We also invite the representatives of the casting enterprises to get to know the latest achievements of science and technology in the field of casting production.

We hope that in this way, the XXV International conference "Foundry 2017" will fulfill its role of an innovation intermediary between the scientists and researchers from one side and the industry on the other and prompt you to take advantage of this opportunity.

We kindly ask you to make the conference information known to other colleagues from here and abroad.

Prof. Dr. Eng. Georgi Popov

Chairman of the Scientific-Technical Union of Mechanical Engineering

Prof. Dr. Eng. Dimitar Stavrev

Chairman of the International Program Committee

PROGRAM OF THE CONFERENCE

1. SCIENTIFIC PROGRAM

SCIENTIFIC FIELDS

1. Casting of ferrous metals and alloys. Scientific and applied researches.
2. Casting of non-ferrous metals and alloys. Scientific and applied researches.
3. New methods and technologies. Development and study of the properties of new alloys.
4. Machinery, equipment and materials for foundry technology. New methods and equipment for control of casting processes.
5. Management of Foundry Production. Conservation of environment.

2. BUSINESS PROGRAM

1. Company presentations of Bulgarian and Foreign companies, offering machines, equipment, materials, technologies and services for the foundry production.
2. Exhibition of products, materials and technologies.
3. National competition "Casting of the Year".

3. SOCIAL PROGRAM

1. "Casting Night" Cocktail.
2. Sightseeing of the city of Pleven and the area.

Working languages of the XXV International conference "Foundry 2018" are Bulgarian, Russian and English.

CONDITIONS FOR PARTICIPATION WITH PAPERS

Scientists from all over the world are kindly invited to present results from their researches in the plenary, section and poster sessions.

Papers abstracts should be in English and maximum 350 (form ".doc" or ".docx", but not less than 200) words. Additional information (authors' names, occupation, e-mail address and up to 10 key words) shall also be included. The abstract together with the Author's Response (**Form "A"**) or the [online registration](#) has to be sent to the Organizing Committee not later than **31.01.2018**. Authors of the approved papers will be informed about the Program Committee's decision not later than **05.02.2018**.

Your Author's response Form A will be registered on the Web-site of the Conference in the section "**Received Abstracts and Papers**" and your paper (abstract) will receive a registration number. The Organizing Committee will appreciate it, if you use in the further correspondence with us this registration number and the files sent by you should also begin with this number. Example: **131_Spenser_mk18.doc**.

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 **31.03.2018** 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 "**mk18**". For example: "**131_Spenser_mk18.doc**".

The presentation of the papers in the section session has to be in English. The presentation of the paper must be 12-15 minutes in length.

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 **10.04.2018** 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 instruction could be found on the webpage of the conference <http://www.metalcasting.eu/> There you can download the title page. 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 „**International scientific conference "FOUNDRY"** Print ISSN 2535-017X, Web ISSN 2535-0188. 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](#)" (Print ISSN 1313-0226, Web ISSN 1314-507X).

- "[Innovations in discrete productions](#)" (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).

FEES AND PAYMENTS

FEES

TYPE OF FEE	EURO	
	Until 31.03.2018	After 31.03.2018
1. Conference fee: 1.1 Participation fee Includes: Published in the issue of international periodical magazine „International scientific conference “ FOUNDRY ” Print ISSN 2535-017X, Web ISSN 2535-0188 and in international scientific journals according to the themes of the reports, “Casting Night” Cocktail, conference materials, coffee breaks, CD with all conference contributions. 1.2. For second and third papers, the author pays only the publication fee	110 / 70*	130 / 90*
02. Accompanying persons (includes co-authors) Includes: “Casting Night” Cocktail, conference materials, coffee breaks	60	80
03. Publication Fee (For authors who will participate with a poster) Includes: Published in the issue of International periodical magazine „International scientific conference “ FOUNDRY ” Print ISSN 2535-017X, Web ISSN 2535-0188 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.	80	100
04. Additional Payments: 4.1 to receive at the conference the issue of the magazines (proceedings) 4.2 to receive the issue of the magazine (proceedings) via post	60	80
	20 30	20 30

*** Reduced fee for "Young researchers up to 35 years"**

OVERNIGHT STAYS

Hotel „Rostov” **** - Pleven

Price per night: single room – 35 €, Double room – 45 €, Appartment – 60 €.

Hotel “RILA”***- Sofia

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

PAYMENT

With bank transfer to the bank account of Scientific-Technical Union of Mechanical Engineering in PROCREDIT BANK:

IBAN: BG53 PRCB 9230 1449 8985 01, BIC: PRCBBGSF

Recipient: NTS mashinostroene Industry-4.0

In the order specify for “MK’18” and write your report’s reference number, which you will find in the website of the conference <http://www.metalcasting.eu/> in the "[List of received papers](#)", which will be continuously updated;

In cash at the office of the Union of mechanical engineering: 1000 Sofia, G.S. Rakovski 108 str., fl. 4 office 411.

IMPORTANT NOTICE !!!

All bank fees are paid by the participant.

GENERAL INFORMATION

The town of Pleven is situated in the middle part of the Danube hilly lowland, 160 km from the capital – Sofia, 320 km from the Black Sea and 30 km south from the Danube river. One can reach the town by the first-class road Sofia – Varna (E83). The town population is about 135,000 people.

The history of the town and the region dates back to thousands of years ago. The earliest evidences about human presence in the region are related to the end of the 5th millennium BC. In the beginning of the new era these lands became part of the Roman Empire.

Pleven became famous mostly for its active participation in the war between Russia and Turkey in 1877-1878. The town was under siege for five months, and the bloodiest battles between the two belligerent empires – Russia and Turkey were conducted around it.

Some of the most interesting landmarks of the town are the Historical Museum, the Panorama “Pleven Epopee”, the Wine Museum in the Kaylaka Park and the remains of Storgoziya Fortress.

There is no analog of the Wine Museum in the country. Its uniqueness is based on the exposition and the services which it offers (degustation), as well as the fact that it is housed in in the country are also a part of the collection. a cave in the Kaylaka Park. The museum collection contains wines aged 30 to 90 years. 6 thousand bottles of contemporary wines from all makes and regions.

Among the other interesting landmarks in Pleven are the Revival Complex, which preserves old buildings with unique architecture, the chapel-mausoleum “St. George the Victorious”, which is one of the symbols of the town, the museum house Tsar Osvoboditel, in which in 1877 the Russian Emperor Alexander the Second was received, etc.

Buses from Sofia: Departure from the Central bus station at intervals of 60 minutes. First bus – at 07:00 h, last bus – at 22:00 h. Duration of travel: 2 hours and 40 minutes approximately. One way ticket price: BGN 12.00.

From the airport Sofia to the central bus station be traveled by metro. At the Serdika metro station need to change the metro line - line 2. The second stop is the Central Railway Station and the Central Bus Station.

Hotel "Rostov" is a 10 minute walk in a southerly direction from the bus station Pleven

CONFERENCE VENUE

Registration, opening, plenary and section sessions, exhibition: **conference halls at “Rostov” **** hotel, Pleven.**

ACCOMMODATION

Hotel „Rostov” ** - Pleven**

Price per night: **single room – 35 €, Double room – 45 €, Appartment – 60 €.**

The price includes:

18.04.2018 г. – dinner;

19.04.2018 г. – breakfast and lunch;

20.04.2018 г. – breakfast;

Hotel “RILA”**- Sofia**

A lodging for the night in Hotel Rila, Sofia, is reserved for conference participants, who would like to sightsee Sofia, or the transport connections do not allow an immediate departure to Pleven. The Hotel Rila is located at the exact centre of Sofia, very close to the Serdika underground station.

From Sofia Airport by underground to Serdika station. At 150 meters southeast is located Hotel Rila.

Address: Sofia, 6, Tsar Kaloyan St., Hotel Rila.

PROGRAM SCHEME

18.04.2018 (Wednesday)

16.00 - 20.00 – Registration of the participants.

19.04.2018 (Thursday)

08.00 - 09.45 - Registration of the participants.

10.00 - 10.30 – Opening of the conference. Announcement of the results of the national competition "Casting of the Year".

10.30 - 12.30 – Plenary session. Plenary papers and company presentations.

12.30 - 14.00 – Lunch break.

14.00 - 16.00 – Section session. Scientific articles and company presentations.

16.00 - 16.30 – Coffee Break.

16.30 - 18.30 – Section Session. Scientific and company presentations.

09.00 - 19.00 – Poster session. Exhibition of items, materials and technologies.

19.00 - 23.00 – “Casting Night” cocktail.

20.04.2018 (Friday)

09.00 - 12.00 - Section session. Scientific articles and company presentations.

09.00 - 12.00 - Poster session. Exhibition of items, materials and technologies.

Closing of the conference.

REGISTRATION

In the foyer of "Rostov" Hotel:

On **18.04.2018** from **16.00** to **20.00** and on **19.04.2018** from **08.00** to **09.45**.

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)

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**

IMPORTANT DEADLINES

Sending the resume of the article and a publication form FORM "A" or online registration	31.01.2018
Sending the full text of the article and participation application with FORM "B" or online registration	31.03.2018
Payment of the fees	31.03.2018
Announcement of the program for the plenary and section sessions of the conference at: http://www.metalcasting.eu	10.04.2018
Sending the poster articles in the Organizing committee of the conference	10.04.2018
Registration of the participants	16.00 - 20.00 08.00 - 09.45
Opening of the conference	10.00 19.04.2018

ORGANIZING COMMITTEE OF THE CONFERENCE

Scientific-Technical Union of Mechanical Engineering

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