

**FIRST CIRCULAR – CALL FOR PAPERS**  
**Prvo priopćenje – poziv za referate**

**13 th International Symposium of Croatian Metallurgical Society**

**13. međunarodni simpozij Hrvatskog metalurškog društva**

**»Materijali i metalurgija«**  
**»Materials and Metallurgy«**

<http://pubweb.carnet.hr/metalurg>

**SHMD `2018**

**Croatia, Šibenik, Solaris Beach Resort, June, 24 – 28, 2018**

(Based on the Agreement of Meeting of World Metallurgical Societies, Dusseldorf 2010-2015)

**13<sup>th</sup> International Symposium of Croatian Metallurgical Society**  
**»Materials and Metallurgy« will be held as part of:**

**100<sup>th</sup> Anniversary of the Foundation of Technical Faculty University of Zagreb**  
**(1919-2019), Croatia**

**100<sup>th</sup> Anniversary of the Foundation of Dnepropetrovsk National University**  
**(1919-2019), Ukraine**

**80<sup>th</sup> Anniversary of Studies of Metallurgy University of Ljubljana**  
**(1939-2019), Slovenia**

**70<sup>th</sup> Anniversary of the Establishment of Institute of Materials Research,**  
**Slovak Academie of Sciences (1950-2019)**

**12 International Symposium have been held so far:**

1<sup>st</sup>: Zagreb – 1994 – February, 16-18 (88 lectures)

2<sup>nd</sup>: Split – 1996 – June, 20-22 (150 lectures)

3<sup>rd</sup>: Šibenik – 1998 – June, 25-27 (192 lectures)

4<sup>th</sup>: Opatija – 2000 – June, 25-29 (333 lectures)

5<sup>th</sup>: Šibenik – 2002 – June, 20-24 (375 lectures)

6<sup>th</sup>: Šibenik – 2004 – June, 20-24 (368 lectures)

7<sup>th</sup>: Šibenik – 2006 – June, 18-22 (475 lectures)

8<sup>th</sup>: Šibenik – 2008 – June, 22-26 (615 lectures)

9<sup>th</sup>: Šibenik – 2010 – June, 20-24 (541 lectures)

10<sup>th</sup>: Šibenik – 2012 – June, 17-21 (641 lectures)

11<sup>th</sup>: Šibenik – 2014 – June, 22-26 (689 lectures)

12<sup>th</sup>: Šibenik – 2016 – June, 19-23 (546 lectures)

**Metallurgy**

- Process Metallurgy and Foundry
- Plastic Processing of Metals and Alloys
- Technologies
- Energetics
- Ecology in Metallurgy
- Quality Assurance and Quality Management

**ORGANIZER**

**CROATIAN METALLURGICAL SOCIETY (CMS)**

**PATRONS**

- European Steel Institute Confederation (ESIC)
- European Steel Federation (ESF)
- World Steel Association (WSA)
- Ministry of Science, Education and Sport Republic of Croatia
- Technical University of Košice, Košice, Slovakia
- Silesian University of Technology, Gliwice, Katowice, Poland

**THE AIM OF SYMPOSIUM `2018**

The aim of this Symposium is to point out all the possibilities of the Materials and achievements in Metallurgy.

**TOPICS OF THE SYMPOSIUM WILL BE:**

**Materials**

- New Materials
- Refractory Materials
- The Development
- Applications
- Physical Metallurgy

**CO-ORGANIZERS**

- Academy of Engineering Science of Ukraine
- AGH University of Science and Technology, Krakow
- University of Ljubljana, Faculty of Natural Science and Engineering
- University of Ljubljana, Faculty of Mechanical Engineering
- Baikov Institute of Metallurgy and Materials Science Russian Academy of Sciences, Moscow
- University of Zenica, Faculty for Metallurgy and Materials Science, Zenica
- National Metallurgical Academy of Ukraine, Dnepetrovsk
- Technical University of Košice, Faculty of Metallurgy
- Technical University of Košice, Faculty of Mechanical Engineering
- Technical University of Košice, Berg Faculty
- University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture
- University of Osijek, Faculty of Mechanical Engineering, Slavonski Brod
- VŠB Technical University of Ostrava
- Institute of Materials Research of the Slovak Academy of Sciences in Košice
- Moscow State Steel and Alloys Institute
- Physico-Technical Institute National Academie of Science, Minsk
- Politehnica University of Bucharest
- Institute of Metallurgy “Kemal Kapetanović”, Zenica
- Dnepropetrovsk National University
- Czech Steel Federation
- Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology
- University of Rijeka, Technical Faculty
- Czestochowa University of Technology
- Silesian University of Technology, Katowice
- Institute of Metals and Technology, Ljubljana

**CO-OPERATION WITH ORGANIZATIONS**

- Stahlinstitut VDEh, Germany
- ATS - Association Technique de la Siderurgie Francaise
- CENIM - Centro Nacional de Investigaciones Metalurgicas Spain
- ChSM - The Chinese Society for Metals China
- CRM - Centre de Recherches Metallurgiques Belgium
- ASMET - The Austrian Society for Metallurgy and Materials
- American Iron and Steel Institute, USA
- ISIJ - The Iron and Steel Institute of Japan
- JERN - Jernkontoret, Sweden
- SRM Romanian Society for Metallurgy
- SITPH - Association of Polish Metallurgical Engineers
- HOOGOVENS, The Netherlands
- SHS - Slovak Metallurgical Society
- Sociedade Portuguesa de Materiais
- MVAE - Association of Hungarian Steel Industry
- Steel Federation of the Czech Republic
- Union of Bulgarian Metallurgists
- IBS - Instituto Brasileiro de Siderurgia
- AIM - Associazione Italiana di Metallurgia
- The Japan Institute of Metals
- Egyptian Association for Industrial Development
- Institute Argentino de Siderurgia
- Associacao Brasileira de Metalurgia e Materiais

- ILAFA - Instituto Latinoamericano del fierroy el Acero, Chile
- Société Francaise de Métallurgie et de Matériaux
- The Institut of Materials, Minerals and Mining, England
- P. T. Krakatau Steel, Indonesia
- KOSA - Korea Iron and Steel Association
- Amsteel Mills Sdn Bhd, Malaysia
- Philippine Iron & Steel Institute
- NatSteel Asia (S) Pte Ltd, Singapur
- The South African Institute of Mining and Metallurgy
- Iron and Steel Institute of Thailand
- Vietnam Steel Corporation

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#### GENERAL INFORMATION

##### Languages

Croatian, English (no simultaneous translation)

##### All correspondance, Abstracts and Papers send by e-mail or on CD to:

Croatian Metallurgical Society  
 Berislavićeva 6, 10000 Zagreb, Croatia  
 Phone / Fax: +385 1 619 86 89 (service)  
 Mob: + 385 98 317 173  
 E- mail: ilija.mamuzic@public.carnet.hr

##### Book of Abstracts

All Participants who intend to present a Lecture are required about a »Book of Abstracts« in the following form: **Initial of First Name, Surname, Institution, State, Title of Abstract, Content – max 120 words.**  
**The Workshop of Symposium will be held in Plenary Session (invited Lectures) and Poster Sections.**

**DEADLINES** (please see WEB site for all Informations – <http://pubweb.carnet.hr/metalurg>)  
**Registration and Abstract: 31 st January 2018**  
**Second Circural: 31 st March 2018**  
**Papers: at latest 31 December 2018**

#### PARTICIPATION FEE INCLUDED SYMPOSIUM ATTENDANCE AND SYMPOSIUM MATERIALS:

- DELIVERY** of the Journal METALURGIJA 57(2018)3 including “BOOK OF ABSTRACTS”, with AUTHOR’S the Abstract and Presentation in Poster Section: 200 EUR – net, add (+) 5% VAT / if is need\*
- DELIVERY** of the Journal METALURGIJA, with the Publication of a whole the Article, including ITEM b): 700 EUR – net, add (+) 5% VAT / if is need\*
- Other participants and co-authors 150 EUR-net, add 5% VAT**

\* 5% VAT, if Authors have not validy No. VAT for the World / f.i. Croatia, our Society HR32219009547; Poland PL...; Germany DE...; Czech R. CZ...; etc.

**All this Prices be valid out of September, 01, 2016 y.**

**Please pay Participation Fee by 31 st January, 2018 to:**

**Croatian Metallurgical Society, Zagreb  
 Berislavićeva 6, Croatia; The Bank account No:  
 Privredna Banka Zagreb, Croatia  
 703000-304713  
 IBAN: HR 76 2340 0091 1100 4804 3  
 Swift code (BIC): PBZGHR2X**

For the Participants from Croatia (in Croatian Kuna): HR7623400091110048043

**Without the payement we will not publish of Abstracts or Articles.**

##### Paper presentation:

- **Plenary Lectures of invited Scientists will be held**
- **Authors are required to prepare Posters (Title, Abstract, results, Conclusion) on 100x100 cm Paper for Poster Exhibition**

##### Ecventually let us point out:

The reception of 13<sup>th</sup> Symposium of Croatian Metallurgists by internatioanl associations has shown that the Symposium has become a traditional place for the gathering of the world’s experts and scientists of various profiles: metallurgists, pysicists, chemists, mechanical engineers, and technicians who can and want to contribute so that metalurgy in Croatia receives the same attention a sit does in the world.