16th International Symposium of Croatian Metallurgical Society

»Materials and Metallurgy«

http://pubweb.carnet.hr/metalurg

SHMD '2023
Croatia, Zagreb, April, 20th – 21st, 2023

70th Anniversary of the Foundation of Croatian Metallurgical Society
(from Society of Engineers and Technician Steel Works Sisak), Croatia, 1952 y

60th Anniversary of the Foundation and Publication of the Journal Metalurgija,
Croatia, 1962 y

Symposia have been held:
1st: Zagreb – 1994 – February, 16 – 18 (88 lectures)
2nd: Split – 1996 – June, 20 – 22 (150 lectures)
5th Šibenik – 2002 – June, 23 – 27 (375 lectures)
7th: Šibenik – 2006 – June, 18 – 22 (475 lectures)
8th: Šibenik – 2008 – June, 22 – 26 (615 lectures)
9th Šibenik – 2010 – June 20 – 24 (541 lectures)
10th Šibenik: 2012 – June, 17–21 (641 lectures)
11th Šibenik: 2014 – June, 22–26 (689 lectures)
12th Šibenik: 2016 – June, 19–23 (546 lectures)
13th Šibenik: 2018 – June, 24–29 (561 lectures)
14th Šibenik: 2020 – June, 21–26 (435 lectures)
15th Zagreb: 2022 – March, 22–23 (527 lectures)

THE AIM OF SYMPOSIUM '2023
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

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 (same as for 15th Symposium)
- World Steel Association (WSA)
- International Society of Steel Institutes (ISSI)
- European Steel Federation (ESF)
- European Steel Institute Confederation (ESIC)
- University of Slavonski Brod, Faculty of Mechanical Engineering, Croatia
- University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia

CO-ORGANIZERS (same as for 15th Symposium)
- 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 of Metallurgy and Materials Science, Zenica
- National Metallurgical Academy of Ukraine
- Technical University of Košice, Faculty of Metallurgy
- Technical University of Košice, Faculty of Mechanical Engineering
- Technical University of Košice, Berg Faculty
- 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 Academy of Science, Minsk
- Politechnica 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 University
- Częstochowa University of Technology
- Silesian University of Technology, Katowice
- Institute of Metals and Technology, Ljubljana

CO-OPERATION WITH ORGANIZATIONS
(same as for 15th Symposium)
- Stahlnstitut VDEh, Germany
- ATS - Association Technique de la Siderurgie Francaise
- CENIM - Centro National 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
- AILM - Associazione Italiana di Metallurgia
- The Japan Institute of Metals
- Egyptian Association for Industrial Development
- Instituto Argentino de Siderurgia
- Associate Brasil de Metallurgia e Materiais
- ILAPA - Instituto Latinoamericano del Hierro y el Acero, Chile
- Societe Francaise de Metallurgie et de Materiaux
- The Institute 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, Singapore
- The South African Institute of Mining and Iron and Steel Institute of Thailand
- Vietnam Steel Corporation

SCIENTIFIC COMMITTEE
I. Alfirević, Croatia
J. Kliber, Czech R.
B. Hribernik, Austria
I. Juraga, Croatia
R. Kawalla, Germany
I. Mamuzić, Croatia – President
S. Nikulin, Russia
A. Veličko, Ukraine
I. Samardžić, Croatia – Vice President
P. Strzepek, Poland

HONOUR BOARD
D. Aliev, Bulgaria
F. Bajang, Indonesia
F. Bassani, Italy
S. Bockus, Lithuania
A. Brudny, Poland
J. Butterfield, England
I. Christmas, Belgium
B. Creton, France
S. Cvetković, Macedonia
P. Dahlmann, Germany
F. Egerton, S. Africa
P. Fajfar, Slovenia
H. I. Filho, Brazil
O. Gardella, Argentina
M. Godec, Slovenia
D. Grigorova, Bulgaria
J. C. Herman, Benelux
K. Janiszewski, Poland
T. Karkoszka, Poland
J. Kasinska, Poland
L. Kavanagh, USA
H. J. Kerhoff, Germany
Registrations, Abstracts send at latest, January, 31st:
Croatian Metallurgical Society
Berislavićevo 6, 10000 Zagreb, Croatia
Phone / Fax: +385 1 619 86 89 (service)
Mob: + 385 98 317 173
E-mail: iliya.mamuzic@public.carnet.hr

Book of Abstracts
The Abstract in “Book of Abstracts” must be in the following form:
Initial of First Name, Surname, Title of Abstract, Content – max 110 words.
The workshop of Symposium will be held in 4 Sections:
- Materials – Section “A”
- Process Metallurgy – Section “B”
- Plastic Processing – Section “C”
- Metallurgy and Related Topics – Section “D”
Will be oral presentation 5-10 min (if in each sections will be min 25 hold of lectures):
can be round Table – Discussion
Please see WEB site for all informations and Deadlines:
- http://pubweb.carnet.hr/metalurgija

PARTICIPATION FEE INCLUDED SYMPOSIUM ATTENDANCE AND SYMPOSIUM MATERIALS:
a) DELIVERY of the Journal METALURGJIA 62 (2023) 3 including “Book of Abstracts” with Author’s Abstract: 200 EUR + VAT 5% with or without personally participate at Symposium
b) DELIVERY of the Journal METALURGJIA, with the Publication of a whole the Article, including ITEM a): 650 EUR + VAT 5%
c) Others Participants and co-authors 100 EUR + VAT 5%

Please pay at latest Participation Fee by January, 31, 2023 to:
Croatian Metallurgical Society, Zagreb
Berislavićevo 6, Croatia the Bank account No:
Privredna Banka Zagreb, St. Radnička cesta 50,
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

Deadlines for send and whole Papers September, 30th, 2023
Without the payment we will not publish of Abstracts or Articles.

Important note: The more details about of the Capital of Croatia, Zagreb, Accommodation, Excursions, etc., Please see: www.infozagreb.hr