

**SURVEY OF 16th INTERNATIONAL SYMPOSIUM OF CROATIAN
METALLURGICAL SOCIETY
»MATERIALS AND METALLURGY«**

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

S H M D ` 2023

Hrvatska / Croatia, Zagreb, April, 20th – 21st, 2023

1952. - 2024. Hrvatsko metalurško društvo / Croatian Metallurgical Society

1962. – 2024. Časopis Metalurgija / Metalurgija Journal

Countries Participating at the 16th International Symposium of CMS “Materials and Metallurgy”

1 Argentina	18 Greece	35 Portugal
2 Austria	19 Hungary	36 Romania
3 Belgium	20 India	37 Russia
4 Belarus	21 Indonesia	38 Saudi Arabia
5 Benelux	22 Iran	39 Serbia
6 Bosnia and Herzegovina	23 Italy	40 Singapore
7 Brazil	24 Japan	41 Slovakia
8 Bulgaria	25 Kazakhstan	42 Slovenia
9 Chile	26 Korea	43 South Africa
10 China	27 Lithuania	44 Spain
11 Croatia	28 Macedonia	45 Sweden
12 Czech Republic	29 Malaysia	46 Thailand
13 England	30 Mexico	47 Turkey
14 Egypt	31 Montenegro	48 Ukraine
15 Finland	32 Netherlands	49 USA
16 France	33 Philippine	50 Vietnam
17 Germany	34 Poland	

All 16 Symposiums have been held:

1st Zagreb: 1994, February, 16-18 (88 lectures)
2nd Split: 1996, June, 20-22 (150 lectures)
3rd Šibenik: 1998, June, 25-27 (192 lectures)
4th Opatija: 2000, June, 25-29 (333 lectures)
5th Šibenik: 2002, June, 23-27 (375 lectures)
6th Šibenik: 2004, June, 20-24 (368 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 (429 lectures)
16th Zagreb: 2023, April, 20-21 (362 lectures)

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

ACCEPTED ABSTRACTS

1 - Materials – Section „A“	44
Process Metallurgy – Section „B“	66
Plastic Processing – Section „C“	23
Metallurgy and Related Topics	
- Section „D“	52
Rejected Abstracts	74
2 – Supplement of Abstracts	103
Total Abstracts	362

IMPORTANT INFORMATION ABOUT 16th SYMPOSIUM „Materials and Metallurgy“

All Abstracts accepted for presentation at the SHMD ` 2023 are published in „ Book of Abstracts“, Journal Metalurgija 62 (2022) 2, 309-328 and now METALURGIJA 62 (2023) 3-4, 489-498.

All Articles accepted for presentation at the SHMD ` 2023 are published in Metalurgija 62 (2023) 1, 11-174, Metalurgija 62 (2023) 2, 179-305, Metalurgija 62 (2023) 3-4, 335-487

Duo to unenough numbers of Participants 16th Symposium is canceled, and we apologize for any inconvenience.

All Lectures accepted for presentation at the SHMD ` 23 are available ONLINE in our WEB page.