At the 11th International Symposium of Croatian Metallurgical Society «Materials and Metallurgy»

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

There were 544 + Rejected 149; Total 689 reports; over: 1100 Authors and Coauthors registered for the 11th International Symposium of the Croatian Metallurgical Society.

301 Participants were present at the Symposium.

Symposium activity took place through plenary lectures and four sections (posters):
- Plenary lectures
- Materials – Section »A«
- Process Metallurgy – Section »B«
- Plastic Processing – Section »C«
- Metallurgy and Related Topics – Section »D«

For the plenary lectures research topics were selected relating partly to the new materials and partly to the increase of efficiency of metallurgical procedures, as well as improving of research of ferrous and non ferrous metals, selected new technologies and simulation in material forming, several plastic deformation etc.

PLENARY LECTURE WERE

J. Raab, J. Mannheim; Czech Steel Federation; Steelworks of Trinec, Czech Republic

Changes of the position of the Steel Industry by the eyes of the Central Europian

B. Kosec, B. Budak; G. Kosec; University of Ljubljana, Faculty of Natural Science and Engineering, Slovenia; University of Novi Sad, Faculty of Technical Science, Serbia; Acroni d.o.o., Jesenice, Slovenia

Life cycle assessment (LCA) method as a tool in Science, Serbia; **Acroni d.o.o. Jesenice, Slovenia**

M. Holtzer, R. Danko, S. Žymankowska – Kumon;
AGH – University of Science and Technology

The state of art and foresight of world’s casting production

M. Ullmann, K. Neh, R. Kawalla; TU Bergakademie Freiberg, Institute of Metal Forming, Freiberg, German

Development of rolling technology for twin – roll – cast magnesium strips

J. Kliber; VSB – Technical University of Ostrava, Ostrava, Czech Republic

Some viewpoints of materials forming technology

F. Vodopivec, B. Žužek; Institute of metals and technology, Ljubljana, Slovenia

The concept of disjunctive matrix stationary creep of high chromium creep resistance steels

I. Samardžić, B. Despotović, M. Dunder, K. Šimunović; University of Osijek, Mechanical Engineering Faculty, Slavonski Brod, Croatia

Modern materials and welding processes in steamboilers production

The Summaries of all lectures of 11th Symposium were published also in Metalurgija »Summaries of Abstracts« 53 (2014) 3,399-431. Total holded 289 Lectures at the 11th Symposium.

For this Symposium the reports were prepared by the authors and coauthors from various world Universities, Institutes, Academies and Companies. It is to be emphasised that the scientists from Croatian universities (Zagreb, Osijek) participated in the symposium.

In the 11th Symposium was also held:
- Meeting of Editorial Board of Journal Metalurgija; June 23, 2014, 6:00 PM, Šibenik, Hall Žirje with election of Acad. Ilija Mamuzić for Editor-in-chief of Journal Metalurgija 2014 – 2018; Minutes of this Meeting, Metalurgija 54 (2015) 1
- Election Assembly of Croatian Metallurgical Society; June 24, 2014, 6:00 PM, Hall Prvić, 29 Participants, Delegates of Institute, University etc., Metalurgija 54 (2015) 1

More than 150 participants were included in a round table session on the achievements, conclusions and closing of the 11th International Symposium »Materials and Metallurgy« (June 25, 6:00 PM Hall Prvić)

In the discussions it was confirmed that the Symposium organizes by Croatian Metallurgical Society have become traditional assembly of experts and scientists of various profiles: metallurgists, geologists, physicists, chemists, mechanical engineers et.

Based on the analysis and evolution of the subject matter of the symposium, the symposium has been appraised positively and it has been acknowledged that it has its place in the international exchange of knowledge.

It is reasonable to conclude that the demonstrated results of scientific and professional investigation accompanied by the complete and quality manifestations, especially discussions at the round table prove that the organizing of the 11th International Symposium of Croatian Metallurgical Society »Materials and Metallurgy« in Šibenik, 2014 June 22 – 26 was justified. Especially has to be emphasized that the participants will keep wonderful memories of Šibenik and Solaris Hotels.

Based on the agreement of Meeting of World Metallurgical Societies, Dusseldorf, November 2009 y; 2010 y; 2012 y; and the conclusion of the round Table, the next 12th International Symposium of Croatian Metallurgical Society »Materials and Metallurgy« will be held 2016 – Zagreb June, 19 – 23. First Circular – Call for Papers, SHMD 2016, Metalurgija 54 (2015) 1, also 5 WEB sites.