

ORGANIZING COMMITTEE

I. Mamuzić – President

FIRST CIRCULAR – CALL FOR PAPERS

Prvo priopćenje – poziv za referate

10th International Symposium of Croatian Metallurgical Society
10. međunarodni simpozij Hrvatskog metalurškog društva

"Materials and Metallurgy"

"Materijali i metalurgija"

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

S H M D '2012.

Šibenik 2012, June 17 - 21, Solaris Holiday Resort****, Croatia

10th International Symposium of Croatian Metallurgical Society „Materials and Metallurgy” will be held as part of:

- **60th anniversary** of THE FOUNDATION OF CROATIAN METALLURGICAL SOCIETY (from Society of Engineers and Technician Steel works Sisak, 1952 y)
- **60th anniversary** of THE ESTABLISHMENT OF TECHNICAL UNIVERSITY, Košice, Slovakia
- **50th anniversary** of THE ESTABLISHMENT OF MECHANICAL ENGINEERING STUDY PROGRAMS UNIVERSITY OSIJEK, Slavonski Brod, Croatia
- **50th anniversary** of THE FOUNDATION AND PUBLICATION OF THE JOURNAL METALURGIJA (1962 y), Zagreb, Croatia

The Croatian Metallurgical Society has the responsibility for the development and future of Croatia. Its purpose is contributing to Croatia's advancement, based on the promotion of metallurgy. This is chief goal and we shall realize it by linking all the various sciences and points of view, aware that the advancement and development of Croatia can only be achieved through the united efforts of all.

Unlike other transitional states, Croatia still undergoes a stage of restructuring both ferrous and non-ferrous metallurgy. For metallurgy, this means a

difficult economic situation, and in comparison to the level until the war in 1991 the production is at the level below 8%.

After several unsuccessful restorations, Croatia privatized metallurgical companies. The future of the Croatian metallurgy depends exclusively of intentions of foreign owners.

Naturally, this situation has an impact to the activity of the Croatian Metallurgical Society as well.

However, thanks to voluntary work of CMS heads and members (not one fee has ever been paid in the last 20 years), the Society's activities are various, successful and recognizable in the world.

In addition to the mutual useful cooperation with many related societies, professional and scientific institutions in Croatia and abroad, the following needs to be stressed in particular:

1. CMS is a publisher of the Journal Metallurgy the articles of which are being referred to in an array of international periodicals and databases), among other in ISI-SCI as well. Articles are being published by authors from over 30 states, and over 160 articles are being received per year.
2. Every two years CMS organizes and holds symposiums called "Materials and Metallurgy". All of these symposiums are agreed on a global level – in the meetings of representatives of metallurgical associations. They are organized in early November in Düsseldorf, by Verein Deutscher Eisenhüttenleute (VDEh), the current name: Stahlinstitut VDEh.

Nine international symposiums have been held so far:

- 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)

The workshops of symposiums were held in plenary sessions (lecturers were invited and firms presented) and poster sections:

- Materials - section "A";
- Process metallurgy - section "B";
- Plastic processing "C" - 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, decrease of required energy as well as improving of products.

Generally the reports were prepared for these symposiums by the authors and coauthors from various

world universities, institutes, academies and companies (in 8th Symposium over 900 authors and coauthors from 44 countries). It is to be emphasized that the scientists from four Croatian universities (Zagreb, Rijeka, Osijek and Split) participated in these symposiums.

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

With a demonstration of their best achievements they all assist the metallurgy in Croatia to call the same attention as it does otherwise in the world.

Detailed reviews of all the symposiums held so far were published and made public [1-38].

Based on the agreement of Meeting of World Metallurgical Societies, Düsseldorf, November 2009 y., the next 10th International Symposium of Croatian Metallurgical Society "Materials and Metallurgy" will be held 2012, June 17 - 21, Solaris Holiday Resort, Šibenik, Croatia.

THE AIM OF SYMPOSIUM '2012

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

TOPICS OF THE SYMPOSIUM ARE:

Materials

- *New Materials*
- *Refractories 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*

Here are the most important details on the 9th Symposium of Croatian Metallurgical Society:

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
- Croatian Chamber of Economy
- Sisak – Moslavina County
- University of Osijek, Faculty of Mechanical Engineering, Slavonski Brod, Croatia
- Technical University of Košice, Košice, Slovakia

CO-ORGANIZERS

- University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture
- Academy of Engineering Science of Ukraine
- University of Mining and Metallurgy, Faculty of Foundry Engineering, Krakow
- University of Ljubljana, Faculty of Natural Science and Engineering
- Baikov Institute of Metallurgy and Materials Science Russian Academy of Sciences, Moscow
- 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
- 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
- Steel Works Split
- Moscow State Steel and Alloys Institute
- Physico-Technical Institute National Academie of Science, Minsk
- Politehnica University of Bucharest
- Pisarenko Institute of Problems of Strength NASU, Kiev
- Dnepropetrovsk National University
- Czech Steel Federation
- Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology
- Vatrostalna Sisak d.o.o.
- TLM - TPP (Tvornica prešanih proizvoda), Croatia
- High Technical School - Bjelovar
- University of Applied Sciences, Slavonski Brod
- University of Applied Sciences, Vukovar
- University of Applied Sciences, Varaždin
- Croatian Chamber of Economy County Chamber Šibenik
- 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 Materiaux
- 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)

Summarye (Abstract)

All participants who intend to present a lecture are required about a Summary of Paper lecture in the following form:

Initial of Name, Surname, Institution, Stat, Title of Abstract, Content – max 120 words, (please, also see on Web site: Metalurgija, Summaries of Lectures, the form 49(2010)3, 191-240).

The workshop of symposium will be held in plenary session (invited lectures, presentation of firms) and posters sections.

Summaries of all accepted lectures will be published in Summaries of Lectures, after paid the Participation Fee, in the Journal Metalurgija 51(2010)3. Invited (plenary) Papers will be also published in the Journal Metalurgija 49 (2010) 3, in order of acception after regular procedure. The selected Papers will be also published in the Journal Metallurgy after Symposium also with paid the Participation Fee, and accepted from the Reviewers.

All correspondence and Papers send to:

Croatian Metallurgical Society
Berislavićeva 6, 10 000 Zagreb, Croatia
Phone / Fax: + 385 1 619 86 89 (service)
Mob: + 385 98 317 173

E-mail Summaries only to:

denona@denona.hr or send them on CD to CMS.

DEADLINES (please see WEB site for all information – <http://public.carnet.hr/metalurg>)

Registration and Summary: 31st January 2012

Second Circular: 31st March 2012

Programme: 31st May 2012

Papers: at latest 31st December 2012.

PARTICIPATION FEE (for each the paper)

- Participation, publication of Summaries in Metallurgy issue 51 (2012) 3, presentation in the poster section, Summaries of Lectures ... **150 €**
- Publication of a whole paper in Journal Metallurgy (The papers not consistently prepared according to the “Instructions to Authors”, for Journal of Metalurgija will not be considered - see WEB site): **450 € (150 € + 300 €)**
- Other participants and co-authors, including the Summaries of Lectures: **100 €**

All this prices generally included symposium attendance, welcome cocktail and symposium materials.

Please pay Participation Fee by 31st January, 2012 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):
2340009-1110048043

The fee can also be paid at the symposium: price +10%.

Paper presentation

- Plenary lectures of invited scientists will be held.
- All other papers will be grouped by topics and will be given on posters.
- Review of each group of papers will be orally presented by invited scientists.
- **Authors are required to prepare posters (title, abstract, results, conclusion) on a 100×100 cm paper, to be paste on a board.**

Eventually let us point out:

The reception of the 9th Symposium of Croatian Metallurgists by international 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, physicists, chemists, mechanical engineers, and technicians who can and want to contribute so that metallurgy in Croatia receives the same attention as it does in the world.

REFERENCES

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- [4] *Metallurgija* 34 (1995) 3, 57-59.
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- [9] *Metallurgija* 37 (1998) 2, 103-132.
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- [12] *Metallurgija* 38 (1999) 4, 199-204.
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- [32] *Metallurgija* 45 (2006) 3, 147-184.
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- [35] *Metallurgija* 46 (2007) 1, 3-8.
- [36] *Metallurgija* 47 (2008) 1, 3-8.
- [37] *Metallurgija* 47 (2008) 4, 287-290.
- [38] *Metallurgija* 50 (2011) 1, 71-72.

Note: Please see next page.

REGISTRATION FORM SHMD '2012

June 17 - 21, 2012

Registration Form (see web site) should be sent not later than 31th January 2012, (after paid the Participation Fee) to:

Croatian Metallurgical Society,
Berislavićeva 6, 10000 Zagreb, Croatia,
or fax: + 385 1 619 86 89

Name:

Title and Profession:

University or Company:

Mailing Address:

Zip Code:

City:

Country:

Phone:

Fax:

E-mail:

Attendance: with a paper [] ; without a paper [],

Title of the paper:

.....

.....

Author(s):

.....

Date:

Signature:

ACCOMODATION

Solaris Holiday Resort, Šibenik, Croatia

HOTEL ACCOMODATION FORM SHMD '2012 (SEE WEB SITE)Deadline of reservation: 20th May 2012 to:

Phone: + 385 22 361 013, fax: + 385 22 361 800
Solaris Holiday Resort, 22 000 Šibenik, Croatia

Name:

Phone:

Address:

Arrival Date: 06. 2012; Time:

Departure date: 06. 2012; Time:

Please indicate type of room required:
(price are per person/day)

	double 1/2	single 1/1
room + breakfast	51.00 € []	73.00 € []
half board	56.00 € []	78.00 € []
visitor's tax - person/day	1.00 €	

The prices validly: June 15 - 24, 2012 (Σ 9 days).

Date:

Signature:

Information: Solaris Holiday Resort

Phone: + 385 22 361 004
361 005

Fax: + 385 22 361 800

The more details about the town Šibenik and Solaris
Holiday Resort, please see: www.solaris.hr