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- **Neacșu Ionela** –University POLITEHNICA of Bucharest
- **Simona Niculescu** - Foundation for the Science and Engineering of oxide materials "Serban Solacolu"
- Conference Secretary will operate within CEPROCIM SA at the following address:
Bd. Preciziei nr.6, Sector 6, code 062203, Bucharest
Tel. /Fax: +4021 318 8893/ +4021 318 8894
<http://www.consilox.ro>
e-mail: consilox@ceprocim.ro
Contact person: Cristina Dumitrache



First Announcement

XIIth CONFERENCE ON THE SCIENCE AND ENGINEERING OF OXIDE MATERIALS

CONSILOX

16 - 20 September 2016

Sinaia, ROMANIA

According to a beautiful tradition, every four years The Conference on Science and Engineering of Oxide Materials – CONSILOX is organized.

Taking into account that the first edition of CONSILOX Conference was organized at Braşov in 1972, at the initiative and under direct organization of Prof.dr. Ion Teoreanu supported by Prof. dr. Petru Baltă, this is one of the oldest technical-scientific event from Romania. Always CONSILOX Conference was the place to be for scientists, students and industrialists willing to have a direct access to novelty in the field of oxide materials and promoting the cooperation between academic and economic media.

Starting with the 10th edition, held in Timișoara (2008), CONSILOX has become an international conference.

Scientific event of high prestige **CONSILOX -12 will be hosted by the International Hotel from Sinaia, in the period 16 - 20.09.2016**, the place where will meet specialists from university education, centers of research-development-innovation and from production of oxide materials from Romania and from countries with tradition in this range.

General theme of the 12th CONSILOX is “**Science of oxide materials in service of durable development**”.

Within this general thematic traditional **topics of the Conference** will be focused on:

- Fundamentals of science and engineering of oxide materials (physical-chemistry, mechanisms, processes and operations, modelling of properties);
- Inorganic binders;
- Glass and vitreous-ceramics;
- Traditional and advanced functional and structural ceramics;
- Refractory and thermal insulating materials;
- Concretes, dry mortars, adhesives for ceramic, and others;
- Bio and nano-materials, nano-technologies;
- Environment protection in oxide materials industry (including strategies and public politics; assessment of life cycle).

CONSILOX will have plenary sessions and posters presentation.

In the frame of the Conference will be organized the thematic workshop “**Application of the concept of circular economy in oxide materials industry. Co-incineration of wastes in cement industry. Performing of the Program “Zero wastes for Europe”**”.

Also an exhibition will be organized, where sponsors and interested companies may present their own stands with products, research equipment and related information



Organizers

- Ministry of National Education and Scientific Research – National Authority for Scientific Research;
- Academy of Technical Sciences from Romania – ASTR;
- Academy of Science People from Romania – AOSR;
- University POLITEHNICA of Bucharest – Faculty of Applied Chemistry and Materials Science;
- CEPROCIM S.A.;
- Foundation for the Science and Engineering of Oxide Materials „Serban Solacolu”;
- Employers from cement industry and other mineral products for constructions from Romania – CIROM;
- Employers Organization from Glass Industry and Fine Ceramics – STICEF;
- Romanian Ceramic Society - CEROM;
- Romanian Association of Glass - AROS

Important dates:

- submission of abstracts – 01.02.2016
- acceptance of abstracts – 29.02.2016
- submission of papers in extension – 29.04.2016
- announcement of accepted papers – 30.06.2016
- submission of final papers – 29.07.2016

Registration of participants

Registration of participants will be made on-line or at Conference Secretary desk starting with **January 2016**.

Participation fees

- 330 € - participants from industrial companies, higher/academic education and research-development institutes and companies;
- 150 € - Ph.D. students, master students, post-graduates;
- 150 € - for accompanying persons;
- 500 € - exhibitors at Technical Exhibition (stand 2m x 2m). If a brief presentation of the company (maximum 10 minutes) is requested within the conference, the fee is of 1000 €.

Participation fee will be paid until the date of **31 July 2016**. The bank account will be mentioned in second announcement.

After the date of **1 august 2016**, the participation fee **is increased with 20%**.

The participation fee includes: Conference materials (only for full paid fee participants and Ph. D./master students/post-graduates), coffee breaks, lunch and dinner on Conference period, Welcome Cocktail, Gala Dinner, working visits/social program.

Instructions for papers elaboration

- Papers will be submitted in Romanian and/or English language;
- Abstracts and papers will be typed using MS Word Editor. Page format is A4, with edges of 25 mm (left, right, up and down), with font Arial 12 pts, the text being spaced at 1 row;
- The pages will be not numbered.
- Paper title (in Romanian and English language) will be inserted at 30 mm from top edge of page, with capital letters, with font Arial 14 pts, bold.
- Under the title will be written author's names and name of the institutions with font Arial 12 pts, italic.
- It follows the summary in Romanian language and/or in English language, then the paper text and the bibliography;
- The numbering of figures and tables is made with Arabic numerals in order of their appearance, being inserted in text. The titles and figures legends will be written below these, at the distance of 2 rows;
- Paper abstract may have maximum one page and the paper in extension - 8 pages.
- The papers, elaborated in accordance with above instructions, will be sent to Conference Secretary as electronic document.

*The abstracts will be published in the volume of Conference (ISSN 2285-6145), and representative papers will be published in **Revista Română de Materiale / Romanian Journal of Materials** (ISI quoted) see <http://solacolu.chim.upb.ro/> (beginning with no.3/2016).*