

GUIDANCE FOR ABSTRACT PREPARATION

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Abstracts are to be prepared in English and should not exceed one page in length (A4 format, 29.7 cm × 21 cm), including tables and figures, in the Microsoft Word format, versions 6.0-7.0.

The abstract title should be typed in capital letters using the Times New Roman bold font, 14 point, and centred in the first line over the width of two columns. The following line is to be left blank. Next, the names and initials of authors should be typed in 12-point bold font, and centred. The name of the presenting author should be underlined.

Next, the full name, postal address, and the e-mail address of the institution (using a separate line for each institution) should be typed with 12-point font and centred. The following line is to be left blank.

The two-column text of abstract should be typed with 11-point font using single spacing. Margins: 3 cm top and 2 cm bottom, left, and right. Use 1 cm spacing between the columns.

High-quality illustrations should be prepared as **JPG** or **BMP** files. References should be numbered consecutively (numerals in square brackets) throughout the text and put together in a reference list at the end of abstract.

INFORMATION ABOUT AUTHORS

Title: _____

Index of session: _____

Form of report: Oral Poster

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SIXTH INTERNATIONAL CONFERENCE

*«Materials and Coatings for Extreme Performances:
Investigations, Applications, Ecologically Safe
Technologies for Their Production and Utilization»*

FIRST ANNOUNCEMENT

FEMS

Under auspices of
Federation of European
Materials Societies

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Under auspices of
EUREKA Secretariat



National Information Point
of 7 Framework Program

20-24 September, 2010

Big Yalta, Ponizovka
Crimea, Ukraine

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PROBLEMS COVERED BY CONFERENCE

(Title of Sessions)

- A. Principles of designing materials and coatings for operation in hazard conditions.
- B. Scientific fundamentals and computer models for the processes of manufacturing materials and coatings for operation in hazard conditions.
- C. Advanced technologies for production and joining materials and products for operation in hazard conditions.
- D. Structure and properties of materials and coatings for operation in hazard conditions.
- E. Special Session “Thermal Barrier Coatings”.
- F. Experimental data obtained from performance of materials and coatings in on location hazard conditions.
- G. Potential and contemporary technologies for recycling industrial waste aimed to production structural, heat-insulative, facing and other materials.
- H. Scientific, organization and information problems of cooperation between scientists in the field of materials science.
- I. Round Table “Effective transfer of technology is catalyst of society innovation development”.

GENERAL INFORMATION

With these topics Crimean Conferences are held in sixth time. Conferences in Crimea concentrate attention of participants on one of the most important fields of materials science, namely, science and technology of materials (including nano- and “smart”) for hazard

conditions service: high and cryogenic temperatures, aggressive environments, complex and alternating-sign loads, thermal cycling, enhanced pressure, microgravitation, vacuum etc. Special attention is paid to the materials for aerospace techniques, non-traditional energies.

The discussions on the problems concerning ecology, recycling production waste and materials that exhausted their resources are of great scientific and practical importance. The actuality of proposed problems for discussion is confirmed by the fact that more than 250 specialists took participation in each previous conferences. The Organizing Committee believes that the number of conference participants will increase in 2010, and the time for conference holding - the “velvet” season in Crimea - will promote the successful work of conference. The temperature of air that season is +23–26 °C and sea water +20–22 °C.

The Conference will take place and participants be accommodated at comfortable center “Ponizovka” that is located at a distance of 3 km from “Katsiveli” settlement at the very beach of Black Sea. At this center there are rooms equipped with balconies, satellite TV, air-conditioners, refrigerators. You may spend free time at excellent beach equipped with chaise-longues and tents. There is also medical-sanitary services. The conference participants will have three meals a day.

The pension has one-bed and two-beds comfortable rooms. The full financial information about conference participation will be presented in the second announcement. Approximately accommodation is about \$60-65. Tentatively the conference fee will be €250 (\$375). The discount will be offered for students and post-graduates.

The conference participants can reach conference place from the capital of Crimea, Sympheropol city by bus or taxi. This town has International airport. Travel time to “Ponizovka” is about 100–110 min.

REGULATION OF CONFERENCE

The conference will be organized as sessions.

Plenary session will be held at the first day of conference, and it will be devoted to both problematic and survey presentations selected by Organizing Committee. So the participants are requested to inform if they intend to make such presentation.

The participants are requested to choose the session title and point out it in the information attached to submission, and also kind of presentation, which is preferred – oral or poster. The topics of round tables are not covered by list of scientific areas in this announcement, they also could be proposed by participants.

The official languages of conference will be Russian and English.

Abstracts up to one page prepared in accordance with Instruction will be published as an English version and disseminated among participants before conferences start.

IMPORTANT DEADLINES

Submission of abstracts	–20.04.2010
Dissemination of second information issue	–15.06.2010
Fee payment	from 01.07 till 01.09.2010

Information about the Conference will be published at the following web-sites:
www.ipms.kiev.ua, www.umrs.kiev.ua