

GUIDANCE FOR ABSTRACT PREPARATION

Author A.B., Author C.D.⁽¹⁾, Author E.F.⁽²⁾

Full organization name, post address, e-mail

⁽¹⁾Full organization name, post address, e-mail

⁽²⁾Full organization name, post address, e-mail

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

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

Next, the full name, post address, and e-mail of organization (for each – in separate line) should be typed with 12-point font and centred. Next line is blank.

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

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

IMPORTANT

Abstract submission deadline: **March 20, 2009**. The abstracts submitted after deadline or prepared wrong will not be accepted.

Additional information about authors has to be given with the following form:

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Submission title: _____
Topic index: _____
Presentation type: Oral Poster Plenary
1st participant; 2nd participant, etc. First name, middle name, last name: _____
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Conference Secretariat:

**Chernyshev Leonid,
Fedorova Natalia**

Address: Institute for Problems of Materials
Science of NASU

3 Krzhyzhanovsky St., 03680 Kiev, Ukraine

Phone: +38 (044) 424-20-73

Fax: +38 (044) 424-21-31

E-mail: chern@ipms.kiev.ua,
umrs2004@ukr.net

IMPORTANT DEADLINES:

- 1st announcement – 20.01.2009;
- submission abstracts – 20.04.2009;
- 2nd announcement – 01.07.2009;
- application for participation – 15.09.2009;
- fee payment – from 01.07 2009 to 15.09.2009.

Ukrainian Ministry of Education and Science
National Academy of Science of Ukraine (NASU)
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HighMatTech

Informational partners, journals:



“Machine Building Technique”
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Powder Metallurgy (Ukraine)



Nanostructure Materials Science
(Ukraine)



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(Russia)

2009

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First Announcement

October 19–23, 2009

Kiev, Ukraine

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CONFERENCE TOPICS

- A.** Fundamental principles of contemporary materials science. Phase equilibrium diagrams. Modeling of the technological processes for making materials and the properties of contemporary materials for various purposes.
- B.** Metallic materials and technologies for manufacturing and working them.
- C.** Powder metallurgy: current status of science and industry; modern materials based on fine powders, fibers, etc., technologies and properties.
- D.** Nano-scale materials science: technologies and materials.
- E.** Ceramics for functional and constructional purposes.
- F.** Latest developments in the field of designing polymeric materials with improved characteristics.
- G.** Composite materials: special properties and prospects in practical use.
- H.** Engineering of surface.
- I.** Medical-purpose materials.
- J.** Modern technologies of joining of materials.
- K.** Equipments and methods for characterization materials.
- L.** Scientific-organizational and commercial support of researches in contemporary materials science: international cooperation, forecasting, information provision of researches, practical realization of results, innovation policy, etc.

GENERAL INFORMATION

At the end of 1980s, on initiative of one of the leading Finnish scientists, Prof. K. Lilius, the series of scientific conferences-exhibitions have been launched with participation of scientists

and specialists from the Western and Eastern Europe. Those events were named as MatTech, and the scientists from opposite political coalitions have received the opportunity for wide contacts. The events have been held in Helsinki, Strasbourg, and St.-Petersburg, and they promoted well establishing the fruitful scientific and personal contacts. The hundreds of scientists and manufacturers from Europe and former Soviet Union have participated those events, among which one can mention world-wide known names such as Nobel Prize winner A. Prokhorov, President of Academy of Sciences of Ukraine B. Paton, Academicians I. Fridlyander, I. Gorynin, I. Pokhodnya, N. Lyakishev, V. Trefilov, V. Skorokhod, V. Seminozhenko and many others.

From Western party, the events were held under auspices of such respected in scientific society organizations as E-MRS and FEMS. The high level of events can be judged from the fact that these were held at politically and historically significant places, such as Palace of Council of Europe in Strasbourg and Tavritcheskij Palace in St.-Petersburg. However, because of USSR collapsing and difficulties in evolution of materials science in new economical conditions, the process of development contacts between materials scientists from West and East was practically stopped within the framework of large-scale special conferences.

Apart from Academy of Sciences of Ukraine, the Frantsevich Institute for Problems of Materials Science (IPMS) was one of the chief organizers of MatTech conferences from the East party. On account of its experience in holding large-scale international conferences, the IPMS together with new public organization of materials scientists, namely Ukrainian Materials Research Society, took the decision to renew broad materials science international conferences organization under more modern brand. Such first conference have been organized in Kiev in 2007 where scientists from many countries took part. Conference organizers suppose that scientific discussions will promote cooperation in such European programs as 7FP, program EUREKA, COST etc. Our conference will be organized under auspices of well known materials science societies.

CONFERENCE REGULATIONS

Conference fee amounts 300 EURO and is aimed to renting halls, publishing conference proceedings, organization of sessions.

The official languages of conference will be Russian and English.

Abstracts of one page length have to be prepared in accordance with instructions and submitted by e-mail to chern@ipms.kiev.ua or umrs2004@ukr.net. You will receive the confirmation from Organizing Committee as to submitted abstracts.

The proceedings of HighMatTech-2009 will be published in a number of journals. Acceptance of papers is subject to the usual refereeing procedure.

The conference will be organized in comfort lecture halls of Kiev Polytechnical Institute. Parallel section meetings are planed.

Friendly meeting is planed on October 20.

Materials about HighMatTech-2009 will be on the web sites: www.hmt.kiev.ua,

SHORT INFORMATION ABOUT KIEV

We invite you to attend Kiev, one of the most beautiful cities of Europe, which has more than 1500-year history. Among the sights of our capital is world-wide known Kievo-Pecherskaya Lavra, Sofia Cathedral, central street of Kiev – Khreschatik, picturesque river Dniپر with beautiful bridges, numerous churches, parks, theatres. Kiev is widely known cultural and scientific center of Ukraine. There are a number of research institutes, educational institutes and universities engaged in the field of materials science.

Normally the weather in that season is rather warm (+10 - +15°C), when trees have green leaves slightly colored in autumn gold.

The hotels for accommodation of conference participants are also located close to the place of conference. Accommodation cost is 50-150 USD depending on lodging comfort.

Kiev has a large amount of railway and air connections with many cities throughout the world. It takes one hour to reach the center of Kiev from airport Boryspol. New comfortable railroad terminal is connected with city center by metro, trolleybus, and tram. The participants from EU, USA, Canada and Japan may attend Ukraine without visa.

