

XLV ZVENIGOROD INTERNATIONAL CONFERENCE ON PLASMA PHYSICS AND CONTROLLED FUSION

First Announcement

Dear Colleagues!

We invite you to participate in the XLV Zvenigorod International Conference on Plasma Physics and Controlled Fusion **from April 2 to April 6, 2018**, which will take place in the Hotel of the Russian Academy of Sciences located 50 km to the North-West from Moscow in a picturesque place of the Moscow region near Zvenigorod - one of the oldest towns of Russia. Zvenigorod was founded in 1152 on the high bank of the Moskva-river. At present the population of Zvenigorod is about 15000. This region is known as the "Russian Switzerland". **In February you will be able to enjoy skiing and mountain skiing in the surroundings of the Hotel.**

General Information

Zvenigorod International Conference on Plasma Physics and Controlled Fusion is an annual meeting which is held in Russia since 1973. The main purpose of the conference is to discuss the recent achievements in high and low temperature plasma research, in the field of controlled fusion, in the development of plasma and beam technologies, to identify directions for future research, and to promote close relationship between scientists from different countries. The Conference is bilingual. Russian and English languages are possible to have a talk.

Conference Scope

The scientific program concerns the various aspects of plasma physics including fundamental research and applications. The conference program includes the following sections:

- Magnetic confinement of high temperature plasma**
- Inertial fusion**
- Physical processes in low temperature plasma**
- Physical basis for plasma and beam technologies**
- ITER project – step to future power engineering**

Invited and Contributed Papers, Publications

The Programming Committee will select speakers to give general lectures, short talks or poster presentations. One page abstract is required to be sent to the Programming committee. Guidelines for one-page abstracts are given in this announcement. Abstracts will be published in a book of abstracts and will be handed out at the beginning of the Conference. All speakers have an opportunity to publish full texts of their articles in Plasma Physics Reports and Journal of Physics: Conference Series (in English) and in the Russian Journal of Applied Physics (in Russian). Guidelines for full text reports publishing can be found via Web-site <http://pleiades.online/en/journal/plasphys/>. Authors of selected articles will be informed by the Organizing Committee.

Abstract submission

One-page abstracts (see “Guidelines for one-page abstracts”) should be submitted by e-mail as an MS Word attachment to the Scientific Secretary of the Organizing Committee Irina Grishina grishina@fpl.gpi.ru .before **October 25, 2017**.

Registration and Accommodation Fee

Regular: 650 €
Accompanying persons: 350 €

The registration fee includes participation in the Conference, one copy of the book of abstracts, a conference dinner as well as full accommodation in single rooms from the **evening of April 1 to the afternoon of April 6** with breakfast, lunch and dinner. The fee for accompanying persons includes breakfast, lunch and dinner and accommodation in double rooms, and a conference dinner.

Registration is necessary for everybody who applies for participation in the conference. A filled registration form should be sent by e-mail as an MS Word attachment to Irina Grishina, Scientific secretary of the Organizing Committee (e-mail: grishina@fpl.gpi.ru) before **October 25, 2017**. An invoice will be send to all registered participants after abstracts submission.

Events and Conference Excursions

For participants and accompanying persons, a conference dinner and an excursion will be offered. Zvenigorod is one of the oldest Russian towns. The excursion includes visiting the old monastery of Zvenigorod (XVI – XVII centuries).

Travel information

Details will be given on the web page http://www.fpl.gpi.ru/Zvenigorod/XLV/Zven_XLV.html and in the 2nd Announcement.

Deadlines

Pre-registration:	October 25, 2017
Abstract submission:	October 25, 2017
Sending of the invoice and payment:	November 15, 2017
Second Announcement:	December 15, 2017

Please note! The invoice and the second announcement will be submitted by e-mail *to the registered colleagues only*.

Correspondence and information

Scientific secretary of the Organizing committee Dr. Irina Grishina grishina@fpl.gpi.ru
http://www.fpl.gpi.ru/Zvenigorod/XLV/Zven_XLV.html

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- Scientific Council on Physics of Low Temperature Plasma, RAS
- Prokhorov General Physics Institute, RAS
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- The PLASMAIOFAN CO. LTD., Science and Technology Center
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Registration Form

XLIV Zvenigorod International Conference on Plasma Physics and Controlled Fusion

Russia, Zvenigorod, February 13-17, 2017

First Name _____ Last Name _____ m. f.

Position _____ Affiliation _____

Affiliation Address _____

City _____ State _____ Zip _____ Country _____

Telephone _____ Fax _____ E-mail _____

Accompanying person _____

Conference section _____

Preferred type of article presentation _____

I intend to submit a paper on this subject: _____

GUIDELINES FOR ONE-PAGE ABSTRACTS (TITLE)

A.Author, A. Coauthor*

Name of Institute, City, Country, e-mail

**Name of Institute, City, Country, e-mail*

Abstracts should be prepared in Microsoft Word or RTF formats for **Windows up to Windows 7**. Abstracts prepared in Word for Macintosh are not allowed.

Text of one-page abstract including title and information about authors should fit into the 165x255 mm frame (for the European A4 paper size it means top and bottom margins should be 2 cm, right margin 1,5 cm, and left margin, 3 cm) This sample text fills the mentioned frame completely.

Text should be typed with 1.5 spacing.

The body of the text should be typed in Times New Roman, 12 pt, justified, with first line indent 5 mm.

The title of the abstract should be centered and set in all caps. Use Times New Roman bold, 12 pt, space after 12 pt. The name(s) of the author(s) should be centered and typed in Times New Roman, 12 pt, space after 12 pt. Affiliations should be left justified and typed in Times New Roman, 12 pt, italic typed, space after 12 pt.

All variables in formulas and mathematical expressions should be italicized (e.g. $a^2+b^2+c^2$). Avoid displayed equations until it is absolutely necessary.

Subheadings

Avoid subheadings until it is absolutely necessary. When required, use Times New Roman, 12 pt, bold, with first-line indent 6 mm, space before 12 pt, space after 6 pt.

Pictures

Avoid pictures until it is absolutely necessary. When required, use the procedure of picture attaching to the text in order to avoid shift of pictures. All parts of picture should be grouped.

Mailing

Please send a file of the Abstract as attached file to e-mail: grishina@fpl.gpi.ru

References

(References in the text should be indicated as [1], [2])

[1]. Name A.B. J. Appl. Phys., 1999, 88, 5555.

[2]. Name A.B. Proc. 6th Intern. Conf. Mass Spectrometry. Ed. A.B. Ben. Town: Publisher, 1999, 156.

List of authors (should be on the second page of the abstract file)

1. Author's name, full and short name of the Institute, e-mail
2. Coauthor – the same information
3. Coauthor – the same information