

2nd Summer School on the Physics of Plasma-Surface Interactions



11 July – 15 July 2016
National Research Nuclear
University MEPhI
Moscow, Russian Federation

GENERAL INFORMATION

The main goal of the School is to let the opportunity for graduate students, postgraduate fellows, and young researchers to meet and interact with leading scientists from complex and diverse field of plasma-surface interactions.

The School's format includes the course of the lectures given by leading scientists, talks and posters given by participants, as well as discussions on the most vibrant topics of the field.

Scientists specialized in other disciplines or those who have recently entered the fields of plasma-surface interactions will also benefit from the School, which provides an overview of the various inter-connected research topics and represents the latest developments in the field. Both undergraduates and teachers are welcome, as is anyone with an interest in the subject.

Graduate students and young scientists are strongly encouraged to present their own work in the form of either 20-minute oral presentation or as a poster.

To attend the School, please register on the web-site
<http://plasma.mephi.ru/ru/SS2016En.html>

SCIENTIFIC PROGRAM

- Elementary processes at the plasma-material interface
- Material erosion, migration, mixing, and dust formation
- Plasma interaction with liquid metals
- Solid and liquid plasma facing components for fusion devices
- Plasma assisted surface modification for technological applications

LECTURERS (PRELIMINARY LIST)

Prof. Richard Pitts, ITER
Prof. David Ruzic N., USA
Prof. Sergei Krashennnikov, USA
Prof. Valery Kurnaev, Russia
Prof. Leon Begrambekov, Russia
Prof. Guido Van Oost, Belgium
Dr. Arkadi Kreter, Germany
Prof. Kai Nordlund, Finland
Prof. Flyura Djurabekova, Finland
Prof. Tetsuo Tanabe, Japan
Prof. Alexander Pisarev, Russia
Dr. Dmitry Borodin, Germany
Dr. Sergey Mirnov, Russia
Dr. Xavier Bonnin, ITER
Dr. Christian Grisolia, France
Prof. Jean-Marc Layet, France
Dr. Nail Kashapov, Russia
Dr. Bruce Scott, Germany
Dr. Russel Doerner, USA
Prof. Kukushkin Andrej, Russia

LOCAL ORGANISING COMMITTEE

V. Kurnaev (Chairperson, MEPhI)

A. Pisarev (MEPhI)

L. Begrambekov (MEPhI)

E. Marenkov (MEPhI)

Yu. Gasparyan (MEPhI)

LOCATION AND TIME



The Summer school will be held from 11 to 15 of July 2016 at National Nuclear Research University “Moscow Engineering and Physics Institute” (NRNU MEPhI), Moscow, Russia

VISA AND ACCOMODATION

If you need a visa to enter the Russian Federation and you want to get an official invitation letter, please provide necessary information during registration on the conference web-site.

For accommodation we recommend the "Kolomenskoe-Intourist" hotel (<http://intourist-kolomenskoe.ru/en/>), which is 10 min by walk from MEPhI. Participants are kindly asked to book accommodation themselves.

SOCIAL PROGRAM

The social program includes a welcome party, excursion around Moscow and conference dinner.

MEPhI (place of the conference) is located near the famous museum-reserve Kolomenskoye that is a former royal estate with many historical attractions and a large park area at the bank of the Moskva River.



Palace of the Tsar Alexey Mikhailovich, XVII century

PROCEEDINGS

Authors who wish to present their works are requested to send a short abstract of less than 1 page by **1 June, 2016**.

The abstracts must be written in English and comply with the following requirements: Title of paper (centered capitals), Authors, Affiliations, Addresses (centered). Please underline the name of the author who will present the paper and will

be the addressee for all communications with the Organizing Committee. Details about abstract submission and the abstract template can be found on the conference web-site.

DEADLINES TO REMEMBER

December 21, 2015 Call for abstracts and start of registration

May 1, 2016 Registration ends

June 1, 2016 End of abstracts submission

June 11, 2016 Final Announcement

July 11-15, 2016 Summer School

PARTICIPATION FEE

There is **no fee** for participants. However, the number of participants is limited by 60 persons. The accommodation should be reserved by yourself (see above).

CONTACTS

Dr. Evgeny Marenkov

edmarenkov@mephi.ru

NRNU MEPhI

31, Kashirskoe sh., 115409, Moscow, Russia

Tel.: + 7 499 788-56-99, ext. 9027

E-mail: SumSchool@plasma.mephi.ru

<http://plasma.mephi.ru/ru/SS2016En.html>