

Rosenheim

The history of Rosenheim began with the Romans who built a bridge across the river Inn near their fort "Pons Aeni". Name and coat of arms of the town come from the white rose of the arms of the Earls of Wasserburg who, in 1234, built a castle near Rosenheim.

Salt trade and navigation on the river Inn were the sources of prosperity in the Middle Ages. In 1810, salt works were installed in Rosenheim. The salt water came from Bad Reichenhall via a wooden pipeline.

The opening of the railway lines Munich - Innsbruck and Munich - Salzburg (1857 - 1860) was Rosenheim's beginning as a commercial and cultural centre of south-east Bavaria.

In 1864, King Ludwig II proclaimed Rosenheim as a town. It currently counts about 60,000 inhabitants.

Recommended tourist attractions are e.g.:

- Max-Josefs-Platz (Square)
- Mittertor (Old Town Gate)
- Churches like Heilig Geist, Heilig Kreuz, St. Josef, St. Nikolaus
- Municipal Gallery
- Museums like Wood Engineering Museum, Inn Museum

A city map and detailed information of some interesting tourist spots of the historical city will be available at the Tourist Information (foyer of the Congress Center).

Cover picture

Dust particle, collected from the ASDEX Upgrade tokamak and seen in a scanning electron microscope with magnification of approximately 25,000.

Program Committee

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Important Dates

15 October 2010
November 2010

15 December 2010
3 January 2011
5 February 2011
15 March 2011

9 May 2011
9-13 May 2011

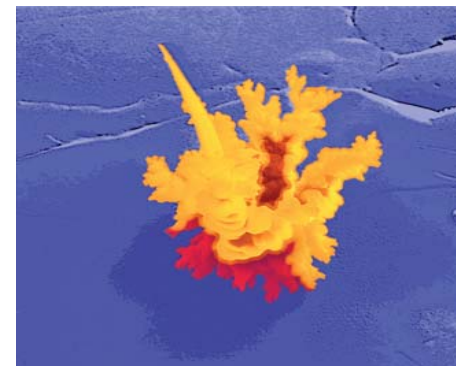
Pre-registration
2nd Announcement
(only electronic)
Deadline for abstracts
Registration open
Author notification
End of registration and
reservation
Submission of manuscripts
PFMC-13/FEMaS Conference

13th International Workshop on Plasma-Facing Materials and Components for Fusion Applications

1st International Conference on Fusion Energy Materials Science



9-13 May 2011
Rosenheim • Germany



Max-Planck-Institut
für Plasmaphysik



FEMaS-CA — Fusion Energy Materials Science Coordination Action
The conference and the research leading to results presented in the
conference have received funding from the European Atomic Energy Community's
Seventh Framework Programme (FP7 / 2007-2011)
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Scope of the meeting

The performance of fusion devices and of a future fusion power plant critically depends on the materials and components selected for the first wall facing the plasma. Resistance to local heat and particle loads, thermomechanical properties, as well as the response to neutron damage of the selected materials are critical parameters which need to be understood and tailored from atomistic to component levels. The 13th International Workshop on Plasma-Facing Materials and Components for Fusion Applications addresses these issues and co-organizes the event together with the 1st International Conference on Fusion Materials Science, focusing on advanced materials science and characterization.

Among the topics of the joint conference recent developments and research results in the following fields are addressed:

- carbon, beryllium, and tungsten based materials
- mixed materials
- erosion and redeposition
- high heat flux component development
- benchmarking of radiation damage modelling
- synchrotron and neutron based characterization techniques
- application of advanced TEM and micro-/nano mechanical testing

Selected international speakers will present overview lectures and treat detailed aspects of the given topics. Contributed papers to the subjects of the meeting are solicited for oral and poster presentations.

Call for Abstracts

Participants are invited to submit abstracts as contributions for this event. Abstracts will be evaluated by the Programm Committee; the best abstracts will be selected for oral or poster presentations. Deadline for submission is 15 December 2010. Details will be announced on the web page:

<http://www.ipp.mpg.de/pfmc-13>

Publication

Manuscripts of the invited presentations and of selected oral and poster contributions will be published in Physica Scripta. The manuscripts will be refereed according to the standards of this journal.

Venue

The 13th International Workshop on Plasma-Facing Materials and Components for Fusion Applications / 1st International Conference on Fusion Energy Materials Science will be held at the

**Kultur + Kongress Zentrum
Kufsteiner Straße 4
Rosenheim / Germany**

Start: 9 May 2011, 09:00
End: 13 May 2011, 14:00

Pre-registration and registration fee

Electronic pre-registration by e-mail to:

pfmc-13@ipp.mpg.de

should be completed by 15 October 2010.

Pre-registered participants will be informed about further preparations of the event and the programme.

The registration fee will be about 350 Euro per participant. This includes proceedings, lunches, coffee breaks, welcome reception and conference dinner. A reduced fee for students will be offered.

Accommodation

Participants will be accommodated in downtown hotels. Accommodation rates range from 50 to 135 Euro (incl. breakfast). For students, a number of rooms at reduced rates are available at the Rosenheim Wood Crafting School. Details concerning hotel accommodation will be published on the web site.

Transportation

By air (via Munich):

From Munich airport by S-Bahn (S8) to railway station "München-Ostbahnhof", then by train to Rosenheim.

Rental cars are available at Munich airport.

By car:

Via Munich by highway A8 (direction Salzburg / Innsbruck) to Rosenheim

Within Rosenheim follow the signs "Kultur+Kongress Zentrum" to reach the Congress Center.

Welcome Reception

Monday evening, 9 May 2011 from 18:30 – 20:00

Conference Dinner

Thursday evening, 12 May 2011 from 19:00 – 22:30

Introductory Lectures / Tutorial

A tutorial course with contributions from experts in the fields covered by the event is organized on Monday, 9 May 2011 from 09:00 to 18:00. These introductory lectures are dedicated to PhD students, PostDocs, and newcomers in the field.