



ASDEX Upgrade



Max-Planck-Institut
für Plasmaphysik



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23th September 2011

To: Heads of Research Units in EU Fusion Associations,
EFDA Leadership, F4E, ITER-IO (*letter sent by mail and by e-mail*);
Representatives of the new member states and associated countries
Members of the AUG-PC and of European Fusion Committees,
E-mailing-list 'AUG-Remote', JET Task Force Leaders, EFDA Topical Groups, ITPA,
AUG team (*letter sent by e-mail*)

Subject: Announcement of the ASDEX Upgrade (AUG) Programme Seminar at Ringberg Castle, Germany, 7 – 11 November 2011

Dear Colleagues,

This letter provides information about the 2011 ASDEX Upgrade Programme Seminar to be held at Ringberg Castle, Tegernsee, Germany. The seminar addresses the following physics topics and will also discuss priorities of the 2012 programme. The following topics and session co-ordinators have been selected:

| No. | TOPIC | Co-ordinator(s) | Day |
|-----|---|-----------------------------|-----|
| 1 | AUG enhancements I: Heating systems (ECRH, ICRH, NBI) | A. Herrmann | MON |
| 2 | Metal first wall & divertor: ITER divertor strategy, JET operation with ITER-like Wall, AUG DIV-III enhancement project | | MON |
| 3 | AUG enhancements II: Diagnostics | | TUE |
| 4 | RMP: 2011 results and prospects for 2012 | W. Suttrop | TUE |
| 5 | Disruptions | G. Pautasso | TUE |
| 6 | AUG Task Force Programme: TF V & TF II (2011 results and plans for 2012) | C. Angioni Th. Pütterich | WED |
| 7 | Current profile control incl. status / improvements of MSE diagnostic and plasma equilibrium | J. Stober | THU |
| 8 | AUG Task Force Programme: TF III & TF IV (2011 results and plans for 2012) | H.W. Müller R. Koslowski | THU |
| 9 | AUG Task Force Programme: TF I General discussion on 2012 AUG programme priorities | J. Hobirk A. Kallenbach | FRI |

Each session consists of several presentations with subsequent discussion. The co-ordinators of these sessions will contact internal as well as external members of the AUG team to request contributions to their session. Several review or overview talks are planned as well. A preliminary agenda and a list of confirmed talks can be found in attachment 1.

**The scientific organiser of the meeting is
Dr. Anja Gude (email: anja.gude@ipp.mpg.de).**

Participation at this meeting requires registration before 19th October 2011.

**For registration and for assistance concerning travel and local arrangements please contact
Mrs. Petra Jordan (email: sekl5@ipp.mpg.de).**

Yours sincerely

Arne Kallenbach
Project Leader ASDEX Upgrade

ATTACHMENT 1: Basic Information, Preliminary Agenda & Contacts

Venue: Ringberg Castle, Tegernsee, Germany, <http://www.schloss-ringberg.mpg.de/home>

Accommodation: Either directly at Ringberg Castle or in a guesthouse or hotel in the valley. External participants will most probably have to stay in the valley.

Meals: Lunch and dinner will be served for all participants at Ringberg Castle.

Travel: Travel between IPP Garching and Ringberg Castle will be organised by IPP.

Registration: All participants have to register before **19th October 2011**

(email: sek15@ipp.mpg.de). Due to the limited capacity of Ringberg Castle (size of lecture room, number of meals) we are forced to **limit the number of non-IPP participants to one or two per Association / Research Facility**.

External participants should be aware that **IPP is unfortunately not in a position to reimburse any expenses** in connection with this meeting. IPP will **invite all participants to the Bavarian Evening on Wednesday** (after the excursion). For more information on financial matters please contact the organiser.

Preliminary Agenda, 7 - 11 November 2011

At a later stage the organiser will send the final agenda to all registered participants. Regular updates of the agenda and further valuable information can be found under

<http://www.aug.ipp.mpg.de/ringberg2011>

| start | Monday 7. Nov. 2011 | Tuesday 8. Nov. 2011 | Wednesday 9. Nov. 2011 | Thursday 10. Nov. 2011 | Friday 11. Nov. 2011 |
|-------|------------------------------------|---------------------------------|---------------------------|----------------------------|---|
| 08:00 | Travel | Breakfast | Breakfast | Breakfast | Breakfast |
| 08:30 | | | | | |
| 09:00 | coffee | Enhancements II: Diagnostics | AUG Programme TF V | Current Profile Control | AUG TFI |
| 09:30 | Welcome | | | | |
| 10:00 | | coffee | coffee | coffee | coffee |
| 10:30 | Introductory Session | | | MSE | AUG Programme Priorities for 2012 |
| 11:00 | | CODAC Status lunch | AUG TF II | | |
| 11:30 | | | | | |
| 12:00 | lunch | | | lunch | lunch |
| 12:30 | | Disruptions | excursion | magnetic equilibrium | travel |
| 14:00 | Enhancements I: Heating Systems | | | | |
| 14:30 | | | | | AUG TF III |
| 15:00 | | | | | coffee |
| 15:30 | coffee | coffee | | | |
| 16:00 | Metal First Wall & Divertor | RMP | | AUG TF IV | |
| 16:30 | | | | | |
| 17:00 | | | | | |
| 17:30 | | | | | |
| 18:00 | | | | | |
| 18:30 | Dinner | Dinner | Bavarian Evening | Dinner | |

All Task Force sessions will concentrate on physics topics rather than on a detailed review of experimental proposals received in response to the call for participation (sent out: August 2011, **deadline for submission of proposals: 5th Oct. 2011**) in the 2012 AUG campaign. An assessment of individual proposals and priorities for the use of experimental time in 2012 will be given by the AUG TFLs in a **meeting in Garching on 15th November 2011**. Remote participation will be possible. All authors of proposals will be invited.

Wednesday afternoon is traditionally reserved for excursions and used by most participants for walking, hiking or climbing in the mountains close to Ringberg Castle. Do not forget your equipment for this afternoon. Please follow the link <http://en.kreuth.de/> for tourist information or contact the organisers.

LIST OF CONFIRMED REVIEW / OVERVIEW TALKS
ASDEX Upgrade Programme Seminar, Ringberg Castle, 7 - 11 November 2011

| Speaker | Association | Title | Day |
|---------------|-------------|--|-----|
| A. Kallenbach | IPP | <i>AUG: Opportunities in the next campaign</i> | MON |
| H. Zohm | IPP | <i>AUG: Long Term Programme</i> | MON |
| R. Pitts | ITER | <i>ITER divertor strategy and contributions from AUG</i> | MON |
| N.N. | JET | <i>The JET Programme in support of ITER</i> | MON |
| R. Neu | IPP / JET | <i>First results of the 2011 JET campaign with the ILW</i> | MON |
| W. Suttrop | IPP | <i>Experiments and Possibilities with RMP Coils</i> | TUE |
| N.N. | ITER | <i>Disruption Mitigation Systems in ITER</i> | TUE |

LIST OF CONTACT PERSONS

External: +49 89 3299

| Name | Function | Phone – Ext No | Fax – Ext No | email ¹⁾ |
|----------------------------|--|-------------------|-----------------|-----------------------------------|
| A. Kallenbach | Project leader ASDEX Upgrade | 1721 | 1812 | arne.kallenbach at ipp.mpg.de |
| A. Gude | Scientific Organiser of the 2011 AUG Programme Seminar | 1274 | 2580 | anja.gude at ipp.mpg.de |
| J. Schweinzer | Co-operations ASDEX Upgrade | 2205 | 2580 | josef.schweinzer at ipp.mpg.de |
| | | | | |
| J. Hobirk | Leader of TF I | 1250 | 2580 | joerg.hobirk at ipp.mpg.de |
| T. Pütterich | Leader of TF II | 2599 | 1812 | thomas.puetterich at ipp.mpg.de |
| H.W. Müller | Leader of TF III | 1803 | 2580 | hans.werner.mueller at ipp.mpg.de |
| R. Koslowski ²⁾ | Leader of TF IV | 1237 | 2580 | h.r.koslowski at fz-juelich.de |
| C. Angioni | Leader of TF V | 2290 | 2580 | clemente.angioni at ipp.mpg.de |
| | | | | |
| P. Jordan | Secretary of the meeting | 1203 | 2580 | sekl5 at ipp.mpg.de |

¹ Please replace “ at ” by “@” to get a valid email address.

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