First Announcement

Hirschegg Workshop 2014

I cordially invite you to participate in the 34th Hirschegg meeting to discuss High Energy Density Physics. The workshop will again provide an international forum to discuss high energy density physics including fundamental science, intense laser and particle beams interaction with matter and inertial confinement fusion. Following the tradition of the “Hirschegg Workshops”, the special atmosphere and schedule will leave enough time for discussions among participants. The conference organisation does especially encourage the participation of young researchers and students.

The 2014 meeting starts on Sunday, January 26th (arrival and registration starting at 4 p.m). Again, as in the recent years, the scientific program will be conducted at the Waldemar-Petersen-Haus from Monday morning until Friday noon. Friday, January 31st, is the departure day. Due to the size of the conference room at Waldemar-Petersen-Haus, participation is limited to about 100 participants.

The invitation letters for visa application will be sent by request to the conference secretary.

Publication and Awards:

1) Participants are invited to submit manuscripts of their work presented at Hirschegg to the Cambridge University Journal: Laser and Particle Beams.

2) Participants are invited (encouraged) to bring with them a one page summary of their talk. The format of this should comply with the format of the report: High Energy Density Physics with Intense Ion and Laser Beams. For details please see: http://www-alt.gsi.de/documents/DOC-2012-Jan-51-1.pdf This will be published in a New report of the High Energy Density Physics Community at FAIR under the auspices of the HEDgeHOB collaboration and sponsored by Cambridge University Press (Laser and Particle Beams).

3) Young Scientists Award: There will be an award for a young scientist honouring his or her extraordinary oral or poster presentation. The award comprises a certificate. Moreover, the participation at the ECLIM conference 2014 in Paris (France) will be sponsored to cover the conference fee, accommodation and the flight ticket up to 2.000 €.

Scientific Program

We encourage contributions on recent achievements in the following subjects:

- Properties of high energy density matter created by intense ion beams and lasers (EOS, phase transitions in dense plasmas, transport, and relaxation)
- Beam-plasma interactions (lasers, ion beams, pulsed power)
- Particle acceleration and generation of intense beams
- Ultrahigh field phenomena
- Diagnostic methods for high energy density matter
- Accelerator issues of intense beams
- Inertial fusion including fast ignition (NIF, HiPER, heavy ion fusion)
- Hydrodynamic simulations and instabilities
Conference Fee

The conference fee is **120 Euro** per participant when paid **on or before December 18, 2013** by bank transfer (see online registration form). **After that deadline or if paid at the conference, the fee is 150 Euro. During the conference the fee must be paid in cash.**

The fee covers overhead, refreshments during the coffee breaks, and the conference dinner on Wednesday. Accompanying persons joining the dinner are charged separately (40 Euro). Students (with no income) may be exempted from the fee by application to the conference chairman, but must pay the conference dinner separately (40 Euro).

Internet Access

Wireless internet is available at the Waldemar-Petersen-Haus.

Health and Sport Insurances

Participants who will make sport activities should have also a proper sport insurance.

Accommodation

We can offer low cost accommodation for 59 participants at the **Waldemar-Petersen-Haus**. There are only few single and double rooms available. Students should sign up for four bed rooms which have separate shower and WC. Prices are as follow:

- **Single room rate:** 240 EUR/person
- **Double room rate:** 190 EUR/person
- **Four-bed rate:** 150 EUR/person

We regret that an extended stay at the Waldemar-Petersen-Haus before or after the workshop is not possible. The rates include breakfast and dinner. In addition, there is the possibility to prepare a lunch box during breakfast. As the number of rooms is rather limited, reservations should be made as soon as possible by online registration. At the website [http://www.wphaus.tu-darmstadt.de/wph_unserhaus/index.de.jsp](http://www.wphaus.tu-darmstadt.de/wph_unserhaus/index.de.jsp) information on the Waldemar-Petersen-Haus can be found. An access map is included at the conference website [http://www.gsi.de/hirschegg](http://www.gsi.de/hirschegg)

Please make sure that you pay your accommodation at the Waldemar-Petersen-Haus together with the conference fee on or before December 18, 2013!

Other participants find accommodation at all price levels within walking distance from the Waldemar-Petersen-Haus. They are requested to make their own arrangements. The Hotel Birkenhöhe (tel.: +43 5517 5587, e-mail: info@birkenhoehe.com) has reserved a number of rooms for participants. More information is available under [http://www.tiscover.at/hirschegg](http://www.tiscover.at/hirschegg) or by contacting the Verkehrsamt Kleinwalsertal (tel.: +43-5517-5114-0).

Registration

Please register online as soon as possible. Keep in mind that participation is limited to about 100 participants, and that we have seen a rising demand over the last years! Also please remember that the reduced fee must be paid on or before **December 18, 2013**.

Looking forward to welcoming you at Hirschegg!

Sincerely,

Nikolay E. Andreev
Hirschegg Workshop Chairman (2014)
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Conference Website:
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