

## First Announcement

### Hirschegg Workshop 2015

I cordially invite you to participate in the 35<sup>th</sup> 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 2015 meeting starts on Sunday, January 25<sup>th</sup> (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 30<sup>th</sup>, is the departure day. Due to the size of the conference room at Waldemar-Petersen-Haus, participation is limited to about 100 participants.

**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) 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 prize money and a certificate. Details about applications and nominations for the LPB young scientist award will be sent out with the second announcement.

#### 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 14, 2014** 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 cancellation charge is 50 Euro.

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 62 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: 250 EUR/person**

**Single room rate: 270 EUR/person** (2 rooms with shower in the room)

**Double room rate: 200 EUR/person**

**Four-bed rate: 150 EUR/person**

We regret that an extended stay at the Waldemar-Petersen-Haus before or after the work-shop 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>

**Please make sure that you pay your accommodation at the Waldemar-Petersen-Haus together with the conference fee on or before December 14, 2014!**

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](mailto:info@birkenhoehe.com)) has reserved a number of rooms for participants. More information is available under <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 14, 2014**.

**Please note:**

There is a new registration formalism. For registration please go first to the following webpage: <http://www.gsi.de/hirscheegg> and choose "Registration Form" in the menu: You will have to log into the conference management system Indico.

If you don't have already an account (note the difference for GSI and external participants), you have to create an Indico local account by clicking on the link at "... create an Indico local account **here**" and filling the form. Wait for the confirmation email and open the link given in that email to activate your account.

Then go back to the Registration Form, log in with your new account and register for the Workshop.

Looking forward to welcoming you at Hirscheegg !

Sincerely,  
Andreas Ulrich  
Hirscheegg Workshop Chairman (2015)

**Conference Chairman:**

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**Conference Secretary:**

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**Conference Website:**

<http://www.gsi.de/hirscheegg>