

First Announcement

PHEDM-Hirschegg Workshop 2016

I cordially invite you to participate in the 36th 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 2016 meeting starts on Sunday, January 31st (arrival and registration starting at 4 p.m.) and ends on Friday, February 5th, 2016. Again, as in the recent years, the scientific program will be conducted at the Waldemar-Petersen-Haus from Monday morning until Friday noon. 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 presentation. The award comprises a prize money (max. 2.000 EUR) and a certificate. The prize money must be used to attend the upcoming ECLIM conference in Moscow (September 2016) or the Heavy Ion Fusion Symposium in Astana, Kazakhstan (July 2016). Traditionally prize winners were invited to deliver invited contributions (or oral contributions) at these conferences. Details about applications and nominations for the LPB young scientist award will be sent out with the second announcement.
- 3) Poster Award for young reseacher (100 EUR).

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 shock ignition, fast ignition and magnetized targets (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, 2015** 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 cancelation charge is 50 Euro after the deadline.**

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: 230 EUR/person (every room with shower)

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 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 18, 2015! Cancellation of booking at the Waldemar-Petersen-Haus will not be refunded after the deadline.

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> 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, 2015**.

Please note:

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

If you have a GSI Weblogin Account ("PROZ") you should use this to log in. Else if you have already created an account for last years workshop you should use this account again (in case you do not remember your password follow the link after "Forgot your password?").

If you don't have already an account, you have to create a new 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 Hirschegg!

Sincerely,
Javier Honrubia
Hirschegg Workshop Chairman (2016)

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Conference Website: <http://www.gsi.de/hirschegg>