

First Announcement

Hirschegg Workshop 2012

Building on a tradition dating back more than 30 years, both - The Technical University of Darmstadt and the GSI Helmholtz Centre Darmstadt - invite you to participate in the 32rd Hirschegg Workshop on High Energy Density Physics with Intense Ion and Laser Beams. The workshop is recognized as an international forum to discuss high energy density physics including fundamental science and inertial confinement fusion. Following the tradition of the "Hirschegg Workshops", the special atmosphere and schedule will provide enough time for discussions among participants. The conference organisation does especially encourage the participation of young researchers and students.

The 2012 meeting starts on Sunday, January 29th (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, February 3rd, is the departure day. Due to the size of the conference room at Waldemar-Petersen-Haus, participation is limited to about 100 participants.

Scientific Program

We encourage contributions on recent achievements in the following subjects:

- Accelerator issues of intense beams
- 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 (ion beams, pulsed power, lasers)
- Ultrahigh field phenomena in the combination of laser and heavy-ion beams
- Diagnostic methods for high energy density matter
- Particle acceleration and generation of intense beams
- Inertial fusion including fast ignition (NIF, HiPER, heavy ion fusion)
- Hydrodynamic simulations and instabilities

As a tradition there will be no proceedings. We encourage, however, to publish new results, that have been presented at the workshop, in the journal Laser and Particle Beams. Moreover HEDgeHOB collaboration will continue the tradition of an annual meeting to report on the achievements of our community in High Energy Density Physics.

Students are encouraged to compete for the 2012 Hirschegg Poster Award.

Conference Fee

The conference fee is **100 Euro** per participant when paid **on or before December 19, 2011** by bank transfer (see online registration form). **After that deadline or if paid at the conference, the fee is 120 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 by purchasing an access code.

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 follows:

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. At the web-site 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 website <http://www.gsi.de/forschung/pp/dates/hirschegg>.

Please make sure that you pay your accommodation at the Waldemar-Petersen-Haus together with the conference fee on or before December 19, 2011!

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 55 87, 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 at <http://www.gsi.de/forschung/pp/dates/hirschegg> as soon as possible. Keep in mind that participation is limited to about 100 participants, and that we did see a rising demand over the last years! Also please remember that the reduced fee must be paid on or before December 19, 2011.

Looking forward to welcoming you at Hirschegg !

Sincerely,

Roberto Piriz

32nd Hirschegg Workshop Chairman

September 28, 2011

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