

26.09. 2016

First Announcement

PHEDM-Hirschegg Workshop 2017

We cordially invite you to participate in the 37th 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 organization does especially encourage the participation of young researchers and students.

The 2016 meeting starts on **Sunday, January 29th** (arrival and registration starting at 4 p.m.) and ends on **Friday, February 3rd, 2017**.

Again, as in the recent years, the scientific program will be conducted at the Darmstädter Haus (Waldemar-Petersen-Haus) from Monday morning until Friday noon. Due to the size of the conference room, participation is limited to about 100 participants. Invitation letters for visa application will be sent on request.

Publication and Awards: 1) Participants are invited to submit manuscripts of their work presented at Hirschegg to: Laser and Particle Beams, Cambridge University Press.

2) Young Scientists Award: There will be an award for a young scientist honoring his or her extraordinary oral presentation. The award endowed with 2.000 EUR towards the participation of an international conference and a certificate. Details about applications and nominations for the LPB young scientist award will be sent out with the second announcement.

3) Poster Award for young researcher (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
- Hydrodynamic simulations and instabilities

Conference Fee

The conference fee is 125 Euro per participant when paid on or before the deadline **December 16, 2015** by bank transfer to:

Stadt- und Kreissparkasse Darmstadt

IBAN: DE36 5085 0150 0000 7043 00

Subject: **050308 – 58200291** 37th Hirschegg Meeting PHEDM

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 after the deadline.

The conference fee covers overhead, refreshments during the coffee breaks, and the conference dinner on Wednesday. Accompanying persons joining the dinner are charged separately (45 Euro).

Health and Sport Insurances: This is a winter meeting! Please make sure to have proper insurance coverage if you decide have sport activities during the breaks.

Accommodation:

We can offer low cost accommodation for 62 participants at the Darmstädter Haus (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 (including half board) are:

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 rates: 150 EUR/person

Apply for these rooms with the conference secretary!

We regret that an extended stay at the Darmstädter Haus (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 directly with the conference secretary.

At the website http://www.darmstaedter-haus.tu-darmstadt.de/wph_unserhaus/index.de.jsp information on the Darmstädter Haus (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 Darmstädter Haus (Waldemar Petersen-Haus) together with the conference fee on or before December 16, 2015! Cancellation of booking at the Waldemar-Petersen-Haus will not be refunded after the deadline (December 16th, 2016).

Other participants find accommodation at all price levels within walking distance from the conference site Darmstädter Haus (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)

We look forward to welcome you at the meeting

Markus Roth
Scientific Chairman of the Workshop

and

Dieter HH Hoffmann
Scientific Secretary of the Workshop