

Workshop on HITRAP/CaveA Atomic Physics Experiments
GSI, Nov 20-21, 2006

Dear collaborator,

We would like to inform you about our upcoming workshop dedicated to atomic physics experiments with heavy highly charged ions, which will take place at GSI on Monday/Tuesday, Nov 20-21, 2006. This workshop will address only experiments which will be pursued in the next years at the HITRAP facility and the CaveA experimental area, using beams from the present GSI accelerator complex (energy range: 500 to 10 MeV/u, possibly 4 MeV/u, at CaveA, and 10 keV/u down to rest, T = 4 K, at HITRAP).

The physics topics to be discussed include:

- ion-surface studies,
- collision experiments,
- channelling,
- material science,
- precision experiments on highly charged ions,
- laser-assisted experiments.

We kindly invite you to participate in the workshop and to submit your contribution (oral presentation or poster). Especially we want to encourage young researchers (diploma and PhD students, postdocs) to participate in the workshop, present their work and get more acquainted with the unique experimental possibilities offered by GSI to our lively and exciting field of research.

Here is a brief overview of the workshop's programme:

Monday morning session, Nov 20, 10:00 a.m.
Status of experimental facilities
(CaveA, HITRAP, RETRAP)

Monday afternoon session, Nov 20, 2:00 p.m.
HITRAP/CaveA physics programme

Tuesday morning session, Nov 21, 9:00 a.m.
HITRAP/CaveA physics programme

Tuesday afternoon session, Nov 21, 2:00 – 3:30 p.m.:
Final discussion (Concluding remarks)

ORGANISATIONAL ISSUES:

For the workshop registration please return the following registration form to hicapel@gsi.de by latest October 16, 2006. There will be no fee for this workshop.

WORKSHOP REGISTRATION FORM

Name:

Arrival date:

Departure date:

Contribution: yes/no, oral presentation or poster

ACCOMMODATION

For the participants of the workshop a contingent of rooms is available at the IBIS hotel in Darmstadt. The room rate is 71.00 € per person and night, breakfast included. This arrangement will be valid latest until October 19. Please contact the hotel directly; accommodation via GSI is not possible. When getting in contact with the IBIS hotel, please mention the reservation number (Reservierungsangebot) 43964.

Hotel address: Hotel IBIS Darmstadt, Kasinostraße 6, 64293 Darmstadt

Tel.: ++49-(0)6151-3970-0 Fax.: -123,

http://www.ibishotel.com/ibis/fichehotel/de/ibi/3287/fiche_hotel.shtml

A bus shuttle service from the IBIS hotel to the GSI site will be organized during the workshop.

You can find directions to come to GSI at: http://www.gsi.de/informationen/visitors/index_e.html.

Please let us know in case we can help you in any way.

We are looking forward to seeing you soon at GSI.

Best regards,

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