



**Final remarks for the  
Topical Workshop of the FLAIR Collaboration  
May 15 - 16, 2014  
Max Planck Institute for Nuclear Physics  
Heidelberg, Germany**

Dear Colleagues,

Here is again the information you got with the 1<sup>st</sup> announcement with some additional notes. The workshop takes place on **15-16 May 2014** in Heidelberg, Germany.

This workshop is jointly organized by the Max-Planck-Institut für Kernphysik MPIK Heidelberg, the GSI Helmholtzzentrum für Schwerionenforschung GmbH, Darmstadt, the Johannes Gutenberg-Universität, Mainz, and the Stefan-Meyer-Institut für Subatomare Physik, Vienna.

The Facility for Low-Energy Antiproton and Ion Research (FLAIR) Collaboration has been formed within the new international Facility for Antiproton and Ion Research (FAIR) at GSI, Darmstadt, Germany, and makes use of the beams of antiprotons and highly-charged ions from NESR to further decelerate and cool them in two storage rings (LSR and USR) and a universal trap facility HITRAP. Antiprotons will be provided in both slow and fast extraction down to the keV-range with intensities that are significantly larger than currently available and phase space densities that are unprecedented, enabling many new experiments. The facility will be also used with highly charged ions, leading to a strong overlap with the SPARC collaboration.

### **Workshop Program**

The workshop program will concentrate on the following topics:

- Experiments with antiprotons and antihydrogen
- Highly charged ions in traps and rings for spectroscopy
- Interaction of low-energy highly charged ions and antiprotons with composite and solid targets
- Nuclear and particle physics with antiprotons
- Heavy-ion experiments, ion surface interactions, collision dynamics

- Antiprotonic atom X-ray spectroscopy
- New instrumentation and facilities

In order to allow the attendance of all sessions, no parallel sessions will be held.  
For questions concerning the scientific program please contact:

Klaus Blaum  
MPIK Heidelberg  
Germany  
blaum@mpi-  
hd.mpg.de

Wolfgang Quint  
GSI Darmstadt  
Germany  
w.quint@gsi.de

Jochen Walz  
Universität Mainz  
Germany  
jwalz@uni-mainz.de

Eberhard Widmann  
SMI, Vienna  
Austria  
eberhard.widmann@oeaw.ac.at

### List of confirmed speakers

See the program and timetable under

<https://indico.gsi.de/conferenceOtherViews.py?view=nicecompact&confId=2495>

### Workshop Venue

The workshop will be held at Max Planck Institute for Nuclear Physics, Saupfercheckweg 1, 69117 Heidelberg, Germany.

### Registration

Registration is open until 12 May.

### Conference Fees

No fees

### Travel Information

How to get to the Max Planck Institute for Nuclear Physics you may see:

<http://www.mpi-hd.mpg.de/mpi/en/contact/access-and-site-map/>

### Workshop Accommodation

We ask all participants of the workshop to make their own hotel reservation directly with the hotel of their choice. It is strongly recommended to make these reservations as soon as possible. You can choose a hotel from the list below or book online on this [web page](#).

### Hotel list

Hotel name / link	Indicative room rate (breakfast incl.)	Email address
<a href="#">Hotel Ibis</a>	ca..EUR 79/89 (1-2 persons/room)	<a href="#">Email</a>
<a href="#">Hotel Kohler</a>	ca. EUR 65-88	<a href="#">Email</a>
<a href="#">Hotel Krokodil</a>	ca. EUR 73/95 (single/double room)	<a href="#">Email</a>
<a href="#">Leonardo Hotel</a>	ca. EUR 115 (single room)	<a href="#">Email</a>

### Meals

Coffee breaks and a snack at the poster session are provided; lunch at both days may be taken at the EMBL canteen near the institute. Tickets may be bought (lunch 7,50 €; beverage 2,50 €, simple table water is provided) at the secretariat during the workshop.

### Workshop Language

The workshop language is English.

### Web page

<https://indico.gsi.de/conferenceDisplay.py?confId=2495>

**Contact**

Gertraud Dücker  
Max-Planck-Institut für Kernphysik  
Heidelberg  
Tel. +49-(0)6221-516 851  
sekretariat.blaum@mpi-hd.mpg.de

**Organizing Committee**

K. Blaum, MPIK Heidelberg  
W. Quint, GSI Darmstadt  
T. Stöhlker, GSI Darmstadt  
J. Walz, University of Mainz  
E. Widmann, SMI, Vienna  
A. Wolf, MPIK Heidelberg

**Local Organizing Committee**

K. Blaum  
G. Dücker  
S. George  
M. Grieser  
A. Kellerbauer  
R. Moshhammer  
A. Wolf

Looking forward to seeing you.