



**1st announcement of the
Topical Workshop of the FLAIR Collaboration
May 15 - 16, 2014
Max Planck Institute for Nuclear Physics
Heidelberg, Germany**

Dear Colleagues,

We like to announce the FLAIR Workshop and Collaboration meeting, which will take place on **15-16 May 2014** in Heidelberg, Germany.

The 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 with energies down to the keV-range. The anticipated beam intensities will be significantly larger than currently available reaching unprecedented phase space densities that enable 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
- Interactions 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
- X-ray spectroscopy of antiprotonic atoms
- 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:

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List of confirmed speakers

A list of confirmed speakers will be made available online soon.

Workshop Venue

The workshop will be held at the [Max Planck Institute for Nuclear Physics](#),
Saupfercheckweg 1, 69117 Heidelberg, Germany.

Registration

For registration please check the workshop web page.

Important Dates

Deadline for pre-registration and posters: 15.03.2014

Deadline for abstract submission: 15.03.2014

(The template is attached and can be found on the workshop web page.)

Conference Fee

No fee

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
Hotel Ibis	ca..EUR 79/89 (1-2 persons/room)	Email
Hotel Kohler	ca. EUR 65-88	Email
Hotel Krokodil	ca. EUR 73/95 (single/double room)	Email
Leonardo Hotel	ca. EUR 115 (single room)	Email

Workshop Language

The workshop language is English.

Web page

<https://indico.gsi.de/event/flair2014>

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Scientific / Program Committee

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Local Organizing Committee

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