

Third Circular and Call for Abstracts

FAIRNESS2016

4th International Workshop for young scientists with research interests focused on physics at FAIR



Dear Colleagues,

this is the Third Circular of the fourth FAIR NExt Generation ScientistS workshop, which will be held 14-19 of February 2016 at the Hotel Koenigshof in Garmisch-Partenkirchen (Germany).

The workshop is designed to bring together excellent international young scientists with research interests focused on physics at FAIR. The topics of the workshop cover a wide range of aspects in both theoretical developments and current experimental status, concentrated around the four scientific pillars of FAIR.

We will have exciting and interdisciplinary discussions along these topics:

- Atomic and plasma physics, biophysics, material sciences and applications
- Nuclear structure, astrophysics and reactions
- Physics of hot and dense nuclear matter, QCD phase transitions and critical point
- Hadron Spectroscopy, Hadrons in matter and Hypernuclei
- Experimental programs APPA, CBM, HADES, PANDA, NUSTAR, as well as BES, NICA and the RHIC beam energy scan

The format of the meeting comprises morning and afternoon sessions. The sessions will include longer overview talks on the above topics, as well as shorter presentations. Each session is enriched by organized active discussion sessions dedicated to the topics presented by the speakers. Informal interactive discussions will be carried out throughout the afternoon break, and after dinner.

The workshop will start early morning on Monday, February 15th. The talks will continue through the week until late evening on Thursday, February 18th. All participants are expected to arrive and register on Sunday evening, and depart on Friday morning. Proceedings that summarize the talks and the discussion sessions with a special emphasis on interdisciplinary aspects between the different areas of research at FAIR, will be published after the workshop.

The confirmed invited speakers are:

Alicia Sanchez (Univ. Mainz)
Miguel Albaladejo (IFIC-Univ. Valencia)
Zach Meisel (Michigan State Univ.)
Rodrigo Navarro Perez (LLNL)
Denes Sexty (Univ. Wuppertal)
Jochen Thaefer (LBL)

For more information we refer you to our web page at:
<https://indico.gsi.de/event/fairness2016>

Therein you can find details concerning venue and travel, accommodation, scientific programme, as well as a link to the online registration form. Participation in the workshop is restricted to Postdocs and non-tenured Junior Professors, as well as PhD students. After the online registration and abstract submission are closed, the organizing committee will select around 50 participants from the list of registrants, and will send out email-invitations accordingly. All participants in the workshop will be allocated time-slots for oral presentations.

Garmisch-Partenkirchen is a mountain resort town in Bavaria, nearby the Germany's highest mountain, Zugspitze. It is a favoured place for skiing, snowboarding, and hiking, having some of the best skiing areas in Germany.

Important deadlines:

- 2 October 2015 (extended): Registration and abstract submission deadline
- 1 November 2015 - Payment Conference Fee: 350 Euro/participant (shared double-room), 710 Euro/participant (single-room), from 14 to 19 February 2016, including accommodation, breakfast, dinner, coffee breaks and proceedings.

We are looking forward to meeting you there!

Sincerely yours,

the organizers (Marco Destefanis, Tetyana Galatyuk,

Fernando Montes, Diana Nicmorus, Claudia Ratti and Laura Tolos)

We acknowledge support from EMMI, FAIR and the Helmholtz Association