

First Circular and Call for Abstracts



6th International Workshop for young scientists with
research interests focused on physics at FAIR

Dear Colleagues,

it is our great pleasure to announce the sixth FAIR next generation scientists workshop, which will be held May 20th-24th 2019 at the Grand Hotel Arenzano in Arenzano (Genova, Italy).

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 key 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 related programs at 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, May 20th. The talks will continue through the week until late evening on Friday, May 24th. All participants

are expected to arrive and register on Sunday evening, and depart on Saturday 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.

For more information we refer you to our web page at:

<https://indico.gsi.de/event/7684/overview>

Therein you can find details concerning venue and travel, accommodation, scientific program, as well as a link to the online registration form. Participation in the workshop is restricted to non-tenured scientists, postdocs and experienced 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.

Arenzano is a coastal town and *comune* in the Metropolitan City of Genoa, Liguria, northern Italy, facing the Ligurian Sea. All accepted participants will be accommodated at the workshop venue, Grand Hotel Arenzano. The hotel is housed in a charming historical building facing the sea. We have obtained special room rates valid for the period of the workshop. Complete details on the booking procedure will follow in due course.

Important deadlines:

- **1st January 2019: Registration and abstract submission deadline.**
- **15th February 2019: Payment Conference Fee 220 Euro/participant.**

Please make sure to frequently check updated information and announcements on the conference website.

We are looking forward to meeting you there!

Sincerely yours, the organizers

Andreas Bauswein, Marco Destefanis, Tetyana Galatyuk, Claudia Ratti and Laura Tolos

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