



1st Bulletin - Announcement

The fourth edition of the school *Frontiers in Nuclear and Hadronic Physics* will take place at the Galileo Galilei Institute (GGI), in Florence from February 20 to March 3, 2017.

The school is primarily addressed to Ph.D. students in theoretical physics, yet the lectures are also suitable for experimentalists. Participation of post-docs is also encouraged. The goal of the school is to provide an introduction to the basic concepts and tools in the fields of hadronic physics and high energy nuclear physics as well as to advanced research topics.

The scientific programme for the 2017 edition is as follows:

E. Swanson: *QCD and exotic hadron spectroscopy*

A. Accardi: *The partonic structure of protons and nuclei: from current facilities to the Electron-Ion Collider*

J. Wambach: *Meson propagation in nuclear matter*

O. Philipsen: *Lattice QCD at finite temperature*

I. Karpenko: *Relativistic hydrodynamics and its application to relativistic heavy ion collisions*

A. Beraudo: *Heavy quarks and hard probes in relativistic heavy ion collisions*

K. Fukushima: *Magnetic effects in relativistic heavy ion collisions.*

Each topic will be covered by 4-8 hour lectures. There will be also 1 hour seminars about topics of special interest.

Applications should be made at the website <https://www.ggi.fi.infn.it/apply/index.php> selecting the school *Frontiers in Nuclear and Hadronic Physics* in the drop-down menu. Selected students will receive full lodging support. The deadline for applications is **January 15th 2017**.

The organizing committee

F. Becattini, I. Bombaci, A. Bonaccorso, M. Colonna, M. Nardi, G. Salmè, E. Santopinto, E. Vigezzi

