

# 1<sup>st</sup> announcement

## HEDatFAIR Annual Meeting 2018

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*Date: Oct 3-5, 2018 at University of Castilla-La Mancha, Ciudad Real/Spain*

The Plasma Physics program at FAIR, one essential part of the FAIR project, will exploit a dedicated beamline and target area with unprecedented ion intensities. This offers worldwide unique capabilities to the plasma physics community. Already during the construction phase it will be possible to run an attractive experimental program at the SIS-18 target area or using the PHELIX laser.

The three-day workshop to be held at the University of Castilla-La Mancha, Ciudad Real, Spain from October 3<sup>rd</sup> to 5<sup>th</sup> will give an opportunity to discuss upcoming experiments and continue developing the science program of the plasma physics community at FAIR.

You are cordially invited to submit your work the workshop.

Roberto Piriz (Chair)

### Workshop topics include:

- Physics of high energy density states: theory, experiments, diagnostics
- EOS of matter under extreme conditions
- Energy transport in warm dense matter
- Atomic processes in strongly coupled plasmas
- Laser based photon and particle sources for HED/WDM-diagnostics
- Materials research , atomic physics, and biophysics related to plasma physics
- Experiments with ion beams in 2018-2019 from SIS 18
- Combined laser and ion beam experiments

### Keynote speakers

- Juan Carlos Fernández (Los Alamos NL)
- Dmitry Nikolaev (IPCP RAS)
- Victor Mintsev (IPCP RAS)
- Konstantin Gubskiy (Ntl Res. Nucl. Univ. "MEPhI")
- Andy Higginbotham (Univ. of York)

### Workshop details:

No participation fee is required.

Registration and information: <http://indico.gsi.de/event/6929/>

Abstract submission: <http://indico.gsi.de/event/6929/call-for-abstracts/>

Abstract submission deadline: June 30<sup>th</sup>, 2018