

First announcement

PHEDM-Hirscheegg Workshop 2022

42nd International Workshop on High-Energy-Density Physics with Intense Ions and Laser Beams, Hirscheegg Austria

Dear colleagues,

We are delighted to announce that the 42nd Hirscheegg Workshop will take place at Darmstaedter Haus in Hirscheegg from **January 31st to February 4th, 2022**. An online participation is also possible.

Scope of the meeting

The completion of the FAIR SIS-100 synchrotron tunnel in the summer of 2021 in Darmstadt is a significant milestone towards the completion of this major international HED facility. This year, the Program Committee for the 42nd *International Workshop on High-Energy-Density Physics with Intense Ions and Laser Beams* encourages contributions from the HED@FAIR community for the commissioning and first physics experiments at FAIR. The Committee also encourages participation from the international HED community on the following topics:

- advances in inertial confinement fusion (ICF) and inertial fusion energy (IFE),
- advances in the broader field of laser-plasma interaction physics, lasers as secondary radiation sources, strongly-coupled-plasmas and warm-dense matter, shocks and EOS, and nuclear photonics.

In addition, the workshop will be structured to provide students and young scientists an opportunity to learn about HED/ICF science and the opportunities afforded by key international HED facilities, the process of international scientific peer review and collaboration, and scientific presentation skills.

Organisational details

The meeting is expected to utilize a hybrid format allowing both limited on-site attendance and participation via Zoom - specific details to follow.

A participation on-site is exclusively for people who have been vaccinated or recovered (full details on the German "2G rules" can be found [here](#)). Priority will be given to people making a scientific contribution.

<https://indico.gsi.de/e/hirscheegg2022>

Registration opens on November 1st, 2021.

We look forward to welcome you at the meeting.

Kurt Schoenberg
Scientific Chairman of the Workshop

and

Vincent Bagnoud
For the Organizing Committee