

# **Astroparticle School 2023**

**Wednesday 04 October 2023 - Thursday 12 October 2023**

**Obertrubach-Bärnfels**

## **Scientific Programme**

Lectures (3x 90min)

Caren Hagner, University Hamburg, **Low-energy neutrinos**

Philipp Mertsch, RWTH Aachen, **Galactic Cosmic Rays**

Kai Schmitz, University of Münster, **Physics at the Pulsar Timing Frontier**

Sarah Heim, DESY, **Higgs physics**

Invited Talks (90min)

Michèle Heurs, AEI Hannover, **Gravitational Wave Detection**

Wayne Springer, University of Utah, **SWG0**

Manami Sasaki, ECAP/Bamberg Observatory, **eROSITA**

Christoph Fromm, University of Würzburg, **Black holes**

Special events

Marc Hempel, DESY, **Research Funding in Germany and Europe** (Evening talk)

Christian Stegmann, DESY, **DZA (German Center for Astrophysics)** (Evening Talk) *[tbc]*

Anna Nelles, DESY/ECAP, **Proposal Workshop**

as well as participants' presentations and exercises

## Main session