

Astroparticle School 2019

Wednesday 02 October 2019 - Thursday 10 October 2019

Obertrubach-Bärnfels

Scientific Programme

Lectures

Karl-Heinz Kampert, U. Wuppertal, **Cosmic Rays**

Imre Bartos, U. Florida, **Astrophysics with Gravitational Wave Observations**

Jacco Vink, U. Amsterdam, **Particle Acceleration and Magnetic Fields in Cosmic Shocks**

Bela Majorovits, MPP Munich, **Light Dark Matter**

Invited Talks

Thomas Kuhr, U. Munich, **Deep Learning**

Torsten Enßlin, MPA Heidelberg, **Information Field Theory**

Stefan Hild, U. Glasgow, **Future Gravitational Wave Detectors**

Sera Markoff, U. Amsterdam, **Event Horizon Telescope**

as well as participants' presentations and exercises

Main session