



# Invitation to the 20<sup>th</sup> School for Astroparticle Physics

October 7 – 15, 2024  
in Obertrubach-Bärnfels in the countryside near Erlangen

The School primarily addresses Master and PhD students from all fields of experimental and theoretical astroparticle physics. The School is organized by the Erlangen Centre for Astroparticle Physics (ECAP) and the Friedrich-Alexander-Universität Erlangen-Nürnberg.

## Programme 2024

### Lectures include:

Philipp Eller	TU Munich	Statistics for experimental physicists
Ralph Engel	KIT	Cosmic Rays and Air Shower Physics
Alison Mitchell	FAU Erlangen-Nürnberg	Gamma-Ray Astronomy
Juan Pablo Yanez	University of Alberta	High-Energy Neutrinos

### Invited Talks:

Felix Kahlhöfer	KIT	Overview of particle dark matter models
Nataliya Porayko	University of Milano Bicocca	Radio Astronomy
Martin Rongen	FAU Erlangen-Nürnberg	Hardware knowledge for analysers
Axel Schwoppe	AIP Potsdam	eRosita

### Evening Lectures:

Marc Hempel	PT.DESY	Research Funding in Germany & Europe
Christian Stegmann	DESY	DZA: German Center for Astrophysics
Doris Mischka	FAU Erlangen-Nürnberg	Off-topic talk: Pre-History in central Europe

### Mini Workshop:

Anna Nelles	FAU Erlangen-Nürnberg	Proposal writing
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as well as participants' presentations

More information: <http://www.astroteilchenschule.nat.fau.de>

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