



# Invitation to the School for Astroparticle Physics

October 3-11, 2018

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 organised by the Erlangen Center for Astroparticle Physics and the University of Erlangen-Nürnberg and takes place each October.

## Program 2018

### Lectures:

David Berge	(DESY)	Gamma Astronomy
Luciano Rezzolla	(U. Frankfurt)	Neutron Star Binaries and Neutron Star Mergers
Achim Stahl	(RWTH Aachen)	Neutrino Physics
Marc Schumann	(U. Freiburg)	Dark Matter

### Invited Talks:

Dainis Dravins	(U. Lund)	Intensity Interferometry for Astronomy
Felicia Krauss	(U. Amsterdam)	Multimessenger Studies of Blazars
Martin Erdmann	(RWTH Aachen)	Machine Learning in Astroparticle Physics
Stephen Serjeant	(Open University UK)	Citizen Science
Marc Hempel	(PT-DESY)	Research Funding in Germany and Europe

as well as participants' presentations and exercises

### More information and registration

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

### Contact

Gisela Anton, Uli Katz  
Erlangen Centre for Astroparticle Physics, Erwin-Rommel-Str. 1, 91058 Erlangen  
E-mail: [AT-Schule@physik.uni-erlangen.de](mailto:AT-Schule@physik.uni-erlangen.de)

### Program committee

Gisela Anton (ECAP), Johannes Blümer (KIT)  
Franz von Feilitzsch (TUM), Stefan Funk (ECAP)  
Werner Hofmann (MPIK Heidelberg), Uli Katz (ECAP)  
Karl Mannheim (U. Würzburg), Julian Rautenberg (U. Wuppertal)  
Jörn Wilms (ECAP)

### Supported by

