



# Invitation to the School for Astroparticle Physics

October 4-12, 2017

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 2017

### Lectures:

|                       |                 |                                       |
|-----------------------|-----------------|---------------------------------------|
| Luca Amendola         | (U. Heidelberg) | Dark Energy - Theory and Observations |
| Christopher van Eldik | (ECAP)          | Methods of Data Analysis              |
| Badri Krishnan        | (AEI Hannover)  | Astrophysics with Gravitational Waves |
| Michael Unger         | (KIT)           | Cosmic Rays                           |

### Invited Talks:

|                    |                 |  |
|--------------------|-----------------|--|
| Loredana Gastaldo  | (U. Heidelberg) | Magnetic Calorimeters for Neutrino Physics |
| Christoph Rembser  | (CERN)          | Non-LHC Physics at CERN                    |
| Dominik Schwarz    | (U. Bielefeld)  | Cosmology with SKA                         |
| Christian Spiering | (DESY)          | The History of Neutrinos                   |
| Marc Hempel        | (DESY)          | Research Funding in Germany and Europe     |

as well as participants' presentations and exercises

### More information and registration

<http://www.astroteilchenschule.nat.fau.de/schule2017>

### Contact

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### 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

