

## Overview of the event

### Costs and accommodation

The costs for this workshop will be covered by KSETA. All participants have to fill in a "Reiseantrag" of Campus South. The workshop is accommodated in the "[Waldhotel Zollernblick](#)" in [Freudenstadt](#).

### Arrival

A bus will be organized for the journey from KIT to Freudenstadt and back. Further details will be given.

### Registration

Please apply for the workshop at the following webpage:

<http://indico.scc.kit.edu/indico/event/KSETA2014>.

The registration will be open until **31st May 2014**. Due to limited capacity, registrations should be done as soon as possible. During registration you will be asked to specify topics you would like to hear or present.

### Prep meeting

A prep meeting will take place at **17th June 2014, 09:45 a.m.** in room 6.1, building 30.23. During this meeting, wishes and offers of topics will be matched and tutorial groups will be formed.

### Organization team

Thomas Hartmann (SCC)  
Fridtjof Feldbusch (IPE)  
Carolin Heidt (ITEP)  
Christian Amstutz (IPE)  
Philipp Frings (TTP)  
Matthias Weinreuter (EKP)  
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[www.kseta.kit.edu](http://www.kseta.kit.edu)

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## KSETA Doctoral Workshop 2014

Waldhotel Zollernblick (Freudenstadt)

2014/07/21 – 2014/07/23

Karlsruhe School of Elementary Particle and  
Astroparticle Physics: Science and Technology



KIT – University of the State of Baden-Wuerttemberg and  
National Research Center of the Helmholtz Association

[www.kit.edu](http://www.kit.edu)

## Invitation

### Dear KSETA Fellows,

you are cordially invited to join the KSETA Workshop for doctoral researchers which will take place from **21st July to 23rd July 2014**. The venue will be the conference hotel "Waldhotel Zollernblick" in Freudenstadt.

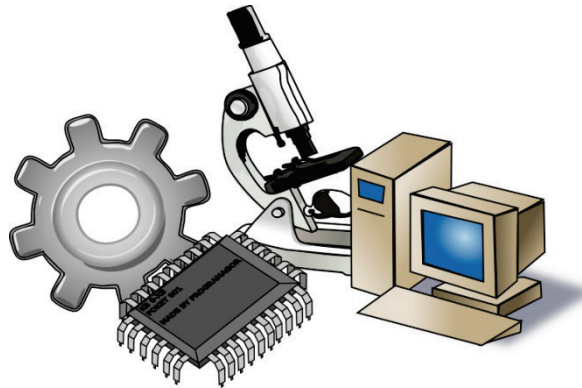
### About this workshop

After last year's excellent feedback, this second seminar will again allow you to learn more about methods and tools that might support your research. Invited are fellows from all the different research fields, from theoretical or experimental particle physicists to software- or cryo-engineers, to spend three interesting and inspiring days together in the black forest. You will get to know other KSETA fellows and have the chance to benefit from their experience.

In groups, you are asked to prepare a tutorial "from doctoral fellows for doctoral fellows" on a topic that you think could be useful to others outside of your own field of research. The workshop will be rounded up by an overview on the different projects related to KSETA, invited talks and social activities.

### Potential topics of the tutorials

- Introduction into useful tools such as simulators, data mining, graphical presentation, data storage, etc.
- Basic technologies such as cooling, generating vacuum, handling lasers, acquiring pictures, developing circuits, controlling, etc.
- Basics in physics that might be interesting for engineers and vice versa
- Methods for research such as organizing literature, dealing with uncertainties, writing, etc.



## Program

### Monday

#### Morning

Arrival  
*Welcome and Introduction*  
Team building event

#### Afternoon

*Invited talks*  
Student tutorials

#### Evening

BBQ

### Tuesday

#### Morning

Student tutorials

#### Afternoon

Short hike  
*Invited talks*

#### Evening

Social gathering

### Wednesday

#### Morning

Student tutorials

#### Afternoon

Feedback and departure

