

## Overview of 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 before the workshop.

### Registration

Please apply for the workshop at the following webpage [indico.scc.kit.edu/indico/event/kseta2013](http://indico.scc.kit.edu/indico/event/kseta2013).

The registration will be open until **30th June 2013**.

Due to limited capacity registrations should be done as soon as possible. During registration you will be asked to specify your tutorial group and topic.

### Organization team

Thomas Hartmann (SCC)  
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## KSETA Workshop 2013

Waldhotel Zollernblick  
(Freudenstadt)

2013/10/16 – 2013/10/18

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 October 16th to October 18th 2013. The venue will be the conference hotel “Waldhotel Zollernblick” in Freudenstadt.

### About this workshop

This first seminar will focus on technological aspects of the research related to KSETA – in the broadest sense this includes all tools and techniques that we make use of in the scope of our research.

In order to make this a fruitful and lasting experience you are asked to participate actively in the course of this workshop. In groups of three you will organize a tutorial on a certain technology that is linked to your research field. Thereby a larger group of doctoral researchers will be given the possibility to gain insight into methods and techniques we often use and rarely question – as you will be given during tutorials organized by others. Meanwhile you will focus on one technology, deepen your knowledge and develop a concept to transfer your expertise to others.

### Topics of the tutorials

#### Technology

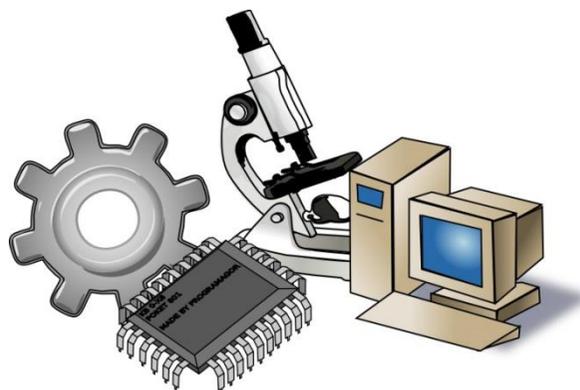
(Cryogenics, vacuum technology, semiconductors, superconductors, analytical systems, process control ...)

#### IT and data treatment

(distributed computing, data acquisition, grid computing, data mining, neural networks ...)

#### Methods for theoretical research

(Monte Carlo simulations, computer algebra systems...)



## Program

### Wednesday

- |                  |                                |
|------------------|--------------------------------|
| <b>Morning</b>   | Arrival                        |
| <b>Afternoon</b> | Welcome<br><i>Invited talk</i> |
| <b>Evening</b>   | Team building event            |

### Thursday

- |                  |   |
|------------------|---|
| <b>Morning</b>   | Student's tutorials   |
| <b>Afternoon</b> | Overview about career opportunities in science and industry |
| <b>Evening</b>   | <i>Invited talk</i>   |

### Friday

- |                  |  |
|------------------|--|
| <b>Morning</b>   | Student's tutorials<br>Hints from/for PhD-students |
| <b>Afternoon</b> | Feedback and departure                             |

