

Please transfer the registration fee of 120 Euros to the following account:

CiS e.V.

Name of bank: Sparkasse Mittelthüringen

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Subject: Detector Workshop 2018

Recommended hotels

Mercure Hotel Erfurt Altstadt

<http://www.mercure.com/en/hotel-5375-mercure-hotel-erfurt-altstadt/room.shtml>

Radisson Blue Erfurt

<http://www.radisson-erfurt.de/en/>

Ibis Erfurt Altstadt Hotel

<http://www.accorhotels.com/gb/hotel-1648-ibis-erfurt-altstadt/index.shtml>

Workshop location

AZM

Konrad-Zuse-Str. 14

99099 Erfurt, Germany



Travel information

Erfurt is the state capital of Thuringia, located about 200 km east of Frankfurt and 300 km south of Berlin.

Arrival by plane:

via Frankfurt and Berlin, by train to Erfurt main station and city tram (#3 to Urbicher Kreuz, exit at the stop Windischholzhausen/X-Fab) to the conference site.

For further information see:

<http://www.cismst.de/en/kontakt/anfahrt/>

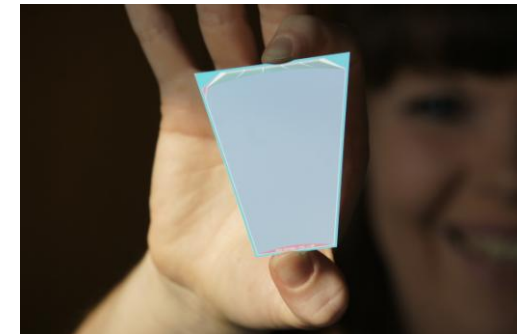
The workshop will take place at the Institute's conference room located on the 3rd floor.



Announcement

Workshop on the Future of Silicon Detector Technologies

March 05-06, 2018
Erfurt, Germany



The workshop is organized by
**CiS Research Institute for Microsensor
Systems GmbH**

and the
**Institute of Advanced Sciences at
Yokohama National University, Japan**



Workshop on the Future of Silicon Detector Technologies

The workshop is directed at those who want to get familiar with emerging technologies and devices for radiation as well as sensors with extremely high radiation hardness.

In 2018 the workshop will be focused on

Future concepts of planar, 3D and CMOS radiation detectors.

We have invited distinguished researchers.

The workshop contributions will cover thin planar, 3D and CMOS detector concepts, hybrid assembly and module concepts supplemented by design aspects, defect engineering aspects and analysing methods.

Special focus will be placed on technologies for the development and manufacturing of radiation hard detector modules addressing upcoming physics instrumentation such as the FAIR instrumentation, upgrade of the Large Hadron-Collider at CERN and future Collider concepts (for instance CLIC and FCC).

Organization

**CiS Research Institute
for Microsensor Systems GmbH
Business Unit Silicon Detectors
Ralf Roeder and Thomas Ortlepp**

Registration

Registration via email is preferred and encouraged. The registration fee will be **120 Euros including VAT**. All correspondence concerning the workshop should be addressed to:

**Workshop office
Uta Neuhaus
CiS e.V.
Konrad-Zuse-Str. 14
99099 Erfurt, Germany
Phone: +49 361 663 1160
Fax: +49 361 663 1413
E-Mail: uneuhaus@cismst.de
www.cismst.de**

Schedule

The aim of the workshop is to present on-going research and development in the field of detector concepts, chip technologies and modules.

We discuss recent developments and future activities in the emerging fields of detectors, detector physics with particular emphasis on high-energy physics.

The goal will be to provide a networking opportunity for the participants that will ensure the most efficient solutions in future particle detector systems.

Abstract Submission

We invite you to participate with an oral presentation.

Deadline submission February 20th, 2018

General agenda for the two day workshop:

March 5th (Mon), afternoon: Invited overview talks by distinguished experts in the field of Detector Technology. This first part is focused on various pixel detector concepts especially for high-energy physics and X-ray detection.

March 6th (Tue), until 1pm: Oral presentations related to several technical issues and scientific aspects in large area double-sided detectors, especially for antiproton, ion and particle detection.

Practical aspects of detector systems and assessment of current and future demands from high-energy physics as well as from emerging industrial applications will be discussed.

