

Please transfer the registration fee of 200 Euros to the following account:

CiS e.V.

Name of bank: Sparkasse Mittelthüringen

IBAN: DE37 8205 1000 0130 1134 25

BIC: HELADEF1WEM

Subject: Detector Workshop 2018

Recommended hotels:

Hotel Bruehler Hoehe

<http://www.bruehlerhoehe.de>

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>

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 (#4 to Bindersleben, stop at Justizzentrum). Go back on the left hand side where the Barbarossahof is located.

The closest small public parking lot is the parking space "Guentherstraße" near Justizzentrum.

Further information:

https://www.lzkth.de/lzkth2/cms_de.nsf/lzkth/7-58.htm

The workshop will take place at
Landeszaehrntekammer Thueringen
Barbarossahof 16
99092 Erfurt



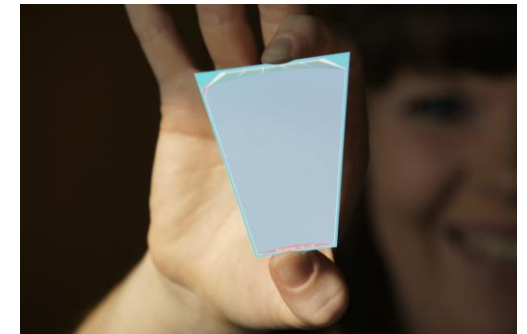
Landeszaehrntekammer



Announcement

Workshop on Detector Technologies for High Energy Physics

**March 04-06, 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 Detector Technologies for High Energy Physics

The workshop is directed to those who want to get familiar with emerging technologies, devices and electronic circuits 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 invited distinguished researchers such as Dr. H. Pernegger (CERN), Dr. J. Heuser (GSI), Prof. N. Yoshikawa (YNU), Prof. N. Wermes (Uni Bonn).

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 **200 Euros including VAT**. All correspondence concerning the workshop should be addressed to:

Workshop office

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E-Mail: uneuhaus@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.

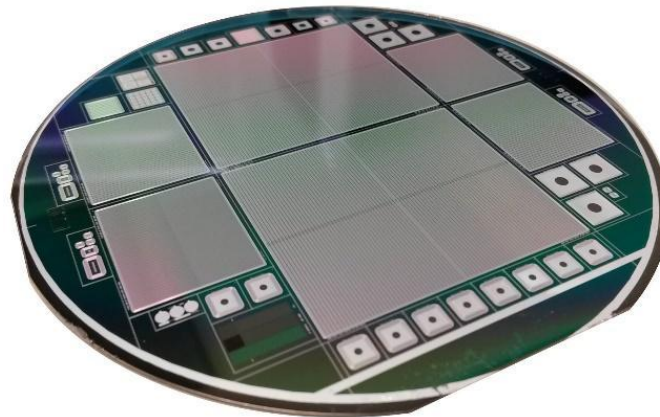
We discuss recent developments and future activities in the emerging fields of detectors, detector physics with particular emphasis on high-energy physics.

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 December 31st, 2017

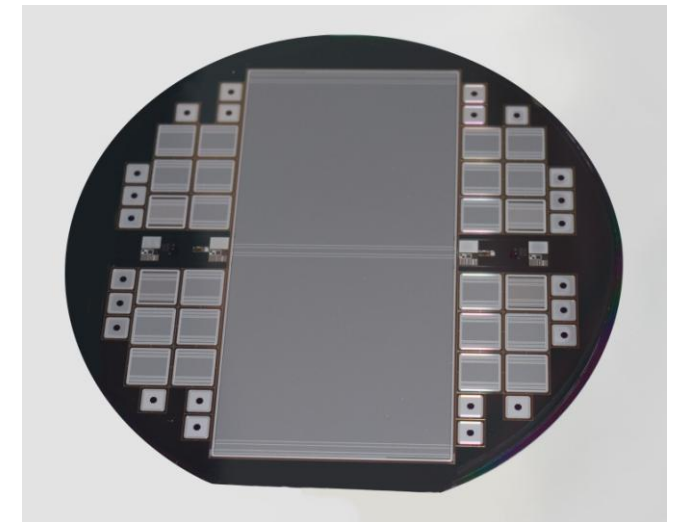


General agenda for the three day workshop:

March 4th (Sun), 5pm: Social event (guided city tour) and welcome reception.

March 5th (Mon), full day: Invited overview talks by distinguished experts in the field of Detector Technology as well as Superconductive Electronics. This first part is devoted to knowledge distribution mainly addressing PhD students and to R&D engineers from industry.

March 6th (Tue), until 3pm: Oral presentations related to several technical issues and scientific aspects in practical detector systems and assessment of current and future demands from high-energy physics as well as from emerging industrial applications.



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