Registration

Please register online at:
www.cismst.de/registration-future2
The registration fee will be **200 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

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

CiS e.V.
Name of bank: Sparkasse Mittelthüringen
IBAN: DE37 8205 1000 0130 1134 25
BIC: HELADEF1WEM
Subject: FuTuRe II Workshop

Recommended Hotels:

Due to the tourist attraction of the Erfurt Christmas market, please book an overnight stay in good time.

Mercure Hotel Erfurt Altstadt

Meienbergstraße 26-27, 99084 Erfurt
http://www.mercure.com/en/hotel-5375-mercure-hotel-erfurt-altstadt/room.shtml

Radisson Blu Erfurt

Juri-Gagarin-Ring 127, 99084 Erfurt
http://www.radisson-erfurt.de/en/

Ibis Erfurt Altstadt Hotel

Barfuesserstrasse 9, 99084 Erfurt
http://www.accorhotels.com/gb/hotel-1648-ibis-erfurt-altstadt/index.shtml

Travel Information

CiS Forschungsinstitut für Mikrosensorik GmbH
Konrad-Zuse-Str. 14, 99099 Erfurt, Germany

You arrive in Erfurt …
…by **plane** via Frankfurt or Berlin
…by **car** via Autobahn A4, exit “Erfurt Ost”
…by **train** to Erfurt main station and then **city tram** (Number 3, direction “Urbicher Kreuz”, exit at the stop “Windischholzhausen /X-Fab”) to the conference site.

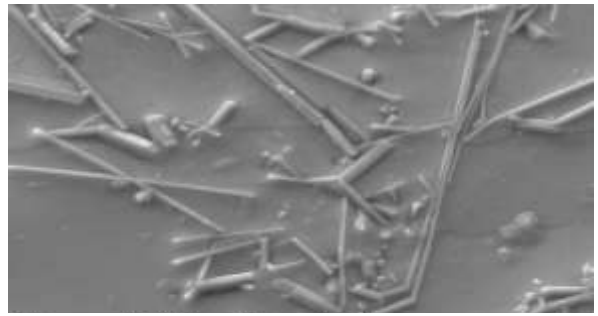
The workshop will take place at the Institute’s conference room located on the 3rd floor.

Forschungsinstitut für Mikrosensorik GmbH

Workshop on the Future of Silicon Detector Technologies

FuTuRe II

December 02-04, 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

About this Workshop

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

In 2018 the workshop will be focused on

Future Technologies for Upgrading Radiation Detection Equipment

and

Future Technologies meeting Big Science Challenges

We have invited distinguished researchers.

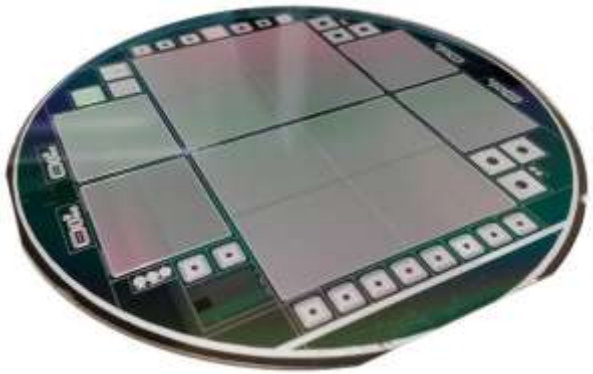
The workshop contributions will cover thin planar, 3D and CMOS detector concepts, hybrid assembly and module concepts supplemented by design aspects, defect engineering aspects and analyzing methods.

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).

Abstract Submission

We invite you to participate with an oral presentation.

Deadline for submission: October 15th, 2018



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.

We are planning to create a presentation and discussion panel for your researchers.

Venue: ERFURT

Visit one of the most attractive medieval city centers in Germany, with patrician townhouses, half-timbered buildings, Europe's longest inhabited bridge, and enough churches to be called "The Rome of Thuringia.

General Agenda:

December 2nd (Sunday), evening:

Welcome City Tour and Christmas Market.

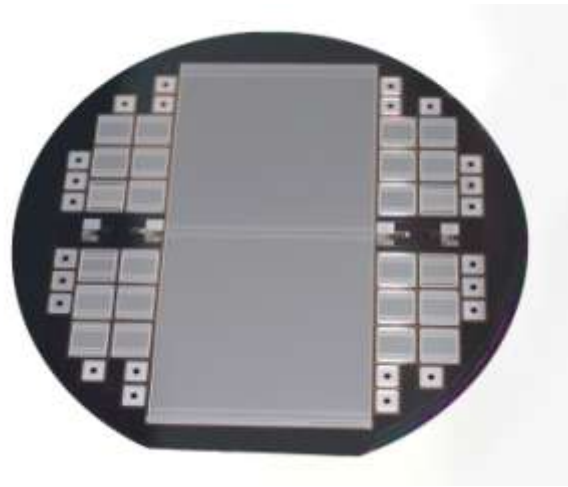
December 3rd (Monday), full day:

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.

December 4th (Tuesday), until 2pm:

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.



December 5th (Wednesday), until 2pm:

Practice day for STREAM Early Stage Researchers at CiS laboratories.