

Image courtesy of Frances Ross, IBM, USA

SCOPE

CISCeM 2014 aims to bring together an interdisciplinary group of scientists from the fields of biology, materials science, chemistry, and physics, to discuss future directions of electron microscopy research. Topics will include nanoscale study of biological samples, and functional materials under realistic or near realistic conditions, for example, in gaseous environments, at elevated temperatures, and in liquid. It will be discussed how processes can be studied by including the time domain in electron microscopy, or by a combination of different microscopy methods, for example, correlative fluorescence microscopy and electron microscopy, or by using nanoparticle labels.

SCIENTIFIC ORGANIZING COMMITTEE

Prof. Dr. Niels de Jonge, INM-Leibniz Institute for New Materials, Saarbruecken, Germany

Prof. Dr. Kristian Molhave, Denmark Technical University, Lyngby, Denmark

SPEAKERS

KEYNOTE SPEAKER

Prof. Dr. Wolfgang Baumeister - Max Planck Institute of Biochemistry, Martinsried, Germany

INVITED SPEAKERS

Dr. Patricia Abellan - Pacific Northwest National Laboratory, Richland, USA

Dr. Damien Alloyeau - University Paris Diderot, France

Dr. James De Yoreo - Pacific Northwest National Laboratory, Richland, USA

Prof. Dr. Hans Gerritsen - University of Utrecht, Netherlands

Dr. Ben Giepmans - University of Groningen, Netherlands

Prof. Dr. Deborah Kelly - Virginia Tech Carilion Research Institute, Roanoke, USA

Prof. Dr. Eva Olsson - Chalmers University, Göteborg, Sweden

Dr. Renu Sharma - National Institute of Standards and Technology, Gaithersburg, USA

Dr. Paul Verkade - University of Bristol, UK

Prof. Dr. Jacob Wagner - Denmark Technical University, Lyngby, Denmark



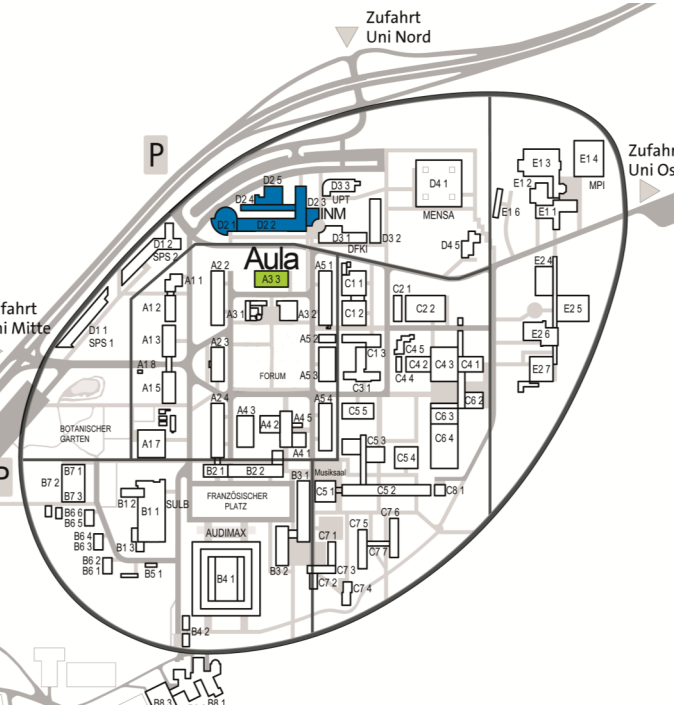
INM – LEIBNIZ INSTITUTE FOR NEW MATERIALS

Situated in Saarbrücken/Germany, the INM is an internationally leading center for materials research with around 200 employees. INM is an institute of the Scientific Association Gottfried Wilhelm Leibniz. Its main research fields are Nanocomposite Technology, Interface Materials, and Bio Interfaces.

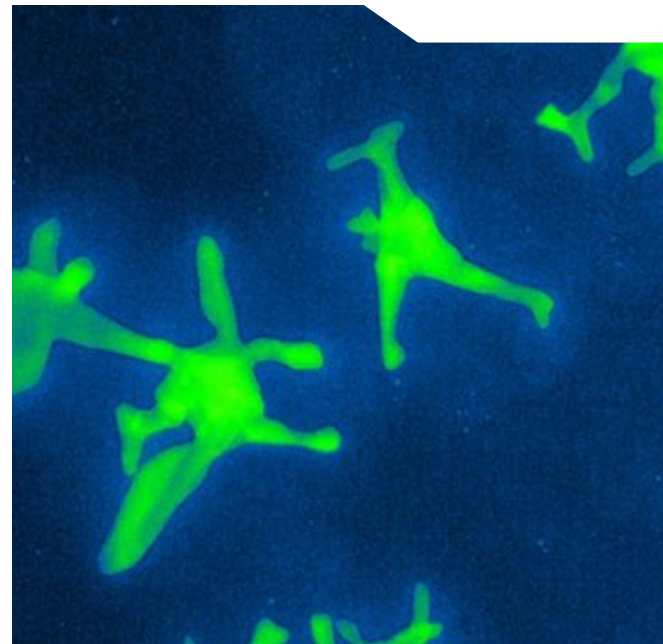
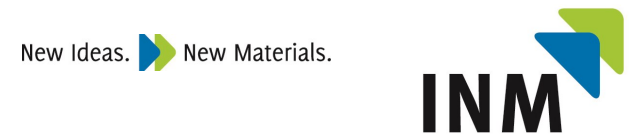
INNOVATIVE ELECTRON MICROSCOPY AT THE INM

Nanoscale characterization is essential for modern nanotechnology, energy science, and biology. The Innovative Electron Microscopy (IEM) program division conducts interdisciplinary research at the interface of bio-nanotechnology, materials science, cell biology, physics of electron microscopy, and image processing. Key expertise includes scanning transmission electron microscopy (STEM) of specimens in liquid, and aberration corrected STEM.

VENUE: "Aula" of the Saarland University



SPONSORS



CONTACT

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DEADLINE

for online registration and abstract submission:
August 29, 2014

WWW.CISCEM2014.DE

CISCHEM 2014

2ND CONFERENCE ON IN-SITU AND
CORRELATIVE ELECTRON MICROSCOPY

OCTOBER 14-15, 2014
INM – LEIBNIZ INSTITUTE FOR NEW MATERIALS
SAARBRÜCKEN, GERMANY

VENUE: "AULA" OF THE SAARLAND UNIVERSITY