



The moment "I think" becomes "I know".
This is the moment we work for.

// TECHNOLOGY
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Invitation

ZEISS Crossbeam User Meeting

9th - 10th Dezember 2013

We cordially invite you to the ZEISS Crossbeam User Meeting in Dresden.

Location: Helmholtz-Zentrum Dresden - Rossendorf
Bautzner Landstraße 400
01328 Dresden

For organizational reasons, we kindly ask you to **register until 22nd November 2013** using the following link:

>> www.zeiss.com/crossbeam-usermeeting

We have reserved a number of hotel rooms for a special group price. Price per night 76,50€ breakfast included.
Please use the attached form for reserving your room.

You can get one of these rooms with the keyword „ZEISS“ until the 11th November 2013

Motel One Dresden am Zwinger***
Postplatz 5
01067 Dresden
fon: +49 (351) 438 38-0
fax: +49 (351) 438 38-10
e-mail: dresden-am-zwinger@motel-one.com
www.motel-one.com

We will offer a shuttle bus from Helmholtz-Zentrum Dresden - Rossendorf to the hotel in the evening and back in the morning. Please annotate in the registration form if you want to use the shuttle.

We are happy to welcome you in Dresden.

Your ZEISS Microscopy Team



AGENDA

9th December 2013

12:15	Welcome Finger Food	
13:00	Introduction/Helmholtz-Zentrum Dresden-Rossendorf e.V.	Johannes von Borany Helmholtz-Zentrum Dresden-Rossendorf e.V.
13:20	ZEISS News	Frank Stietz Carl Zeiss Microscopy GmbH
13:45	Crossbeam - Expanding the boundaries of FIB-SEM	Ingo Schulmeyer Carl Zeiss Microscopy GmbH
14:05	ZEISS X ² TEM Lamellae Preparation on a Multi-Composite System of an Organic Electronic Device	Sylvia Mucke Plastic Logic GmbH, Dresden
14:25	Focused materials investigations with the Zeiss Auriga at an OEM of the automotive industry	Jens Schaufler AUDI AG
14:45	Coffee Break	
15:30	Complete 3D-Multiscale Analysis: Combining X-Ray and FIB-SEM Microscopy	Ingo Schulmeyer Carl Zeiss Microscopy GmbH
15:50	Implementation of new SEM and CrossBeam functionalities using the Application Programming Interface	Heiko Stegmann Carl Zeiss Microscopy GmbH
16:10	Experiences with an X-ray Microscope and a Cross Beam in a Joint Lab	Rüdiger Rosenkranz Fraunhofer Institut IZFP, Dresden
16:30	Surface Patterning of Ge and Si with Heavy Focused Ion Beams	R. Böttger Helmholtz-Zentrum Dresden-Rossendorf e.V.
16:50	Coffee Break	
17:30	Focused Ion Beam writing of plasmonic metal structures	Peter Kjær Kristensen Aalborg University
17:50	Lithography and Sample Preparation with Focused Ion Beams for Nanophotonic Applications	Thomas Kusserow Universität Kassel
18:10	Carbon-nanotubes and nanodiamonds in applied research	Torsten Barfels Hochschule Wismar
18:30	Conclusion First Day / Discussion	
20:00	Dinner	

10th December 2013

9:00	3D-analysis of the human bladder ultrastructure by FIB-SEM and 3View SEM tomography. What can we learn?	Jochen Neuhaus Universitätsklinikum Leipzig AöR
9:20	One year of FIBSEM ...	Anneke Kremer Bio-imaging Core, Gent
9:40	FIB tomography in life science – from room temperature to cryo	Andreas Schertel Carl Zeiss Microscopy GmbH
10:00	Coffee Break	
10:30	Cryo-Ion Abrasive FIB- SEM tomography with 3D mapping of elements in vascular system in health and disease	Marek Drab Institute of Immunology and Experimental Therapy, Polish Academy of Science, Wroclaw
10:50	Latest improvements of light and electron microscopy workflows and instrumentation for correlative 3 dimensional imaging applications	Robert Kirmse Carl Zeiss Microscopy GmbH
11:10	New Dimension in Forensic Investigations using FIB/SEM systems	Hubert Schulz Carl Zeiss Microscopy GmbH
11:30	FIB-SEM Applications in Clay Science	Jasmara Wojatschke Ernst-Moritz-Arndt-Universität Greifswald
11:50	Discussion	Ingo Schulmeyer, Christian Jäger Carl Zeiss Microscopy GmbH
12:30	Lunch	
13:00	End of Crossbeam User Meeting	