



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

// TECHNOLOGY  
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## Invitation

# ZEISS ORION User Meeting

## 10th - 11th Dezember 2013

We cordially invite you to the ZEISS ORION 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/orion-usermeeting](http://www.zeiss.com/orion-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](mailto:dresden-am-zwinger@motel-one.com)  
[www.motel-one.com](http://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

## 10th December 2013

12:00	Welcome Fingerfood	
14:00	Introduction	<b>Johannes von Borany</b> Helmholtz-Zentrum Dresden-Rossendorf e.V.
14:15	ZEISS News	<b>Christian Jäger</b> Carl Zeiss Microscopy GmbH
14:30	The Helium Ion Microscope: Status and News about the ORION Nanfab	<b>Peter Gnauck</b> Carl Zeiss Microscopy GmbH
15:00	Imaging of biological cells and carbon nanomembranes	<b>André Beyer</b> Universität Bielefeld
15:30	Imaging of CVD-grown Films: Transition Metals and Catalytically Active Transition Metal Oxides	<b>Henning Vieker</b> Universität Bielefeld
16:00	Coffee Break	
16:30	Helium Ion Microscopy and Ionoluminescence of defects	<b>Gregor Hlawacek</b> MESA+ Institute for Nanotechnology
17:00	Helium ion beam milling of nanogaps for plasmonic and electronic device fabrication	<b>Stuart Boden</b> University of Southampton
17:30	Helium-ion microscopy for 2D materials	<b>Hongzhou Zhang</b> Trinity College Dublin
19:00	Dinner	

## 11th December 2013

09:00	Reflection ion microscopy and nanomodification in HeIM	<b>Yuri Petrov</b> St.Petersburg State University
09:30	Ultra-broadband third harmonic spectroscopy of single Au-nanoantennas with 6nm gap size fabricated by Helium Ion lithography	<b>Martin Silies</b> Carl von Ossietzky University Oldenburg
10:00	Coffee Break	
10:30	Imaging of uncoated biological samples with HIM	<b>Claus J. Burkhardt</b> NMI Naturwissenschaftliches und Medizinisches Institut
11:00	Analysis and Nanopatterning for Photonics	<b>Anne Nathanael</b> Friedrich-Schiller-Universität Jena
11:30	Contacting graphene by Helium ion microscopy	<b>Gaurav Nanda</b> TU Delft
12:00	Lunch	
13:00	Open Discussion with Zeiss Staff and Service OR Lab Tour to ORION Nanofab at Helmholtz-Zentrum Dresden-Rossendorf e.V.	