

# Invitation to the 13th Day of Microscopy

## Discover the Oceanic World.

### Dive in with us!

Over two thirds of the Earth's surface are covered with water. The oceans are home to 80 per cent of all life on the planet. The deep sea abounds with raw materials and ores.

Join us in taking a look into the depths of the ocean and discover its spectacular diversity with ZEISS microscopes!

Gain new insights with cutting-edge technology. Trace the development of organisms with Lightsheet Z.1, the new ZEISS light sheet microscope system. Find out how you can produce three-dimensional displays of complex structures and edit them.

Welcome to the 13th Day of Microscopy on 14 March 2013!

Share this moment with us. We look forward to seeing you!



## Programme

8.30 a.m. – 9.30 a.m.

### Registration

9.30 a.m. – 11 a.m.

### Talks

#### Welcome

Dr Ulrich Simon

CEO of Carl Zeiss Microscopy GmbH

#### The Invisible Ocean: An Exploration of Marine Biodiversity

Guest talks: Dr Emmanuel G. Reynaud

School of Biology and Environmental Science

University College Dublin (UCD)

11.15 a.m. – 6 p.m.

### Workshops

#### Product Presentation

Microscopes and system for research in biomedicine and materials science, clinical practices and industrial applications

12.15 p.m. – 1.15 p.m.

### Lunch

1.45 p.m. – 2.45 p.m.

### Factory Tour

## Workshops

### 1 Focus on Live Imaging | Dr Olaf Selchow

Observing entire organisms using the new Lightsheet Z.1

### 2 Looking into the Past and Present | Dr Michael Zöllfel

A short history of Carl Zeiss as a company

### 3 The Perfect Image | Dr Monika Marx

Tips and tricks for reliable use of confocal laser scanning microscopes

### 4 Material Science at the Nano Scale | Jörg Ackermann

Height measurements in light and electron microscopy

### 5 Correlative Microscopy | Stefanie Freitag | Dr Robert Kirmse

Bridging worlds: From micro to nano

### 6 Large Surface Areas? No Problem! | Johannes Kaindl

Automized analysis of large surfaces in material sciences

### 7 Whole Slide Imaging | Dr Thorsten Heupel

Virtual slides and imaging with the new Axio Scan.Z1

### The workshops will take place at the following times:

11.15 a.m. – 12.15 p.m.

1.15 p.m. – 1.45 p.m. (Transfer to factory)

1.45 p.m. – 2.45 p.m. (Factory tour)

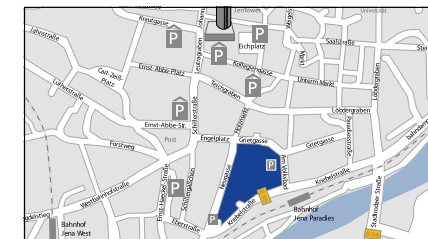
3.00 p.m. – 3.30 p.m. (Transfer to Volksbad)

3.45 p.m. – 4.45 p.m.

5.00 p.m. – 6.00 p.m.

### Your journey

Volksbad Jena, Knebelstr. 10, 07743 Jena



Simply sign up via the following link:

[www.zeiss.com/microday2013](http://www.zeiss.com/microday2013)



We make it visible.