

30 August – 4 September 2009

Congress Graz, Austria



Joint Meeting of

9th Multinational Congress
on Microscopy 2009

Dreiländertagung 2009

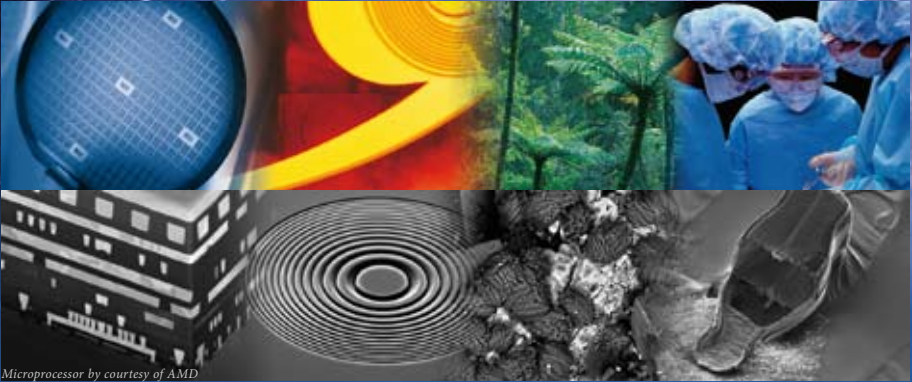
- » Austrian Society for Electron Microscopy
- » Croatian Microscopy Society
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- » Italian Society of Microscopical Sciences
- » Serbian Society for Microscopy
- » Slovene Society for Microscopy
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- » German Society for Electron Microscopy
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www.microscopy09.tugraz.at



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August 30 – September 4, 2009,
Graz, Austria**



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Ladies and gentlemen, dear colleagues,

With great pleasure we like to announce the Microscopy Conference 2009 in Graz (30 Aug–4 Sept 2009). MC 2009 is joining up the «Multinational Congress on Microscopy» and the «Dreiländertagung» both having established a strong reputation as key events of the European and international microscopy communities.

The programme committee is setting up a scientifically stimulating, future oriented programme in the three main areas of instrumentation and methodology, materials science and life sciences. The programme comprises plenary lectures, keynote lectures, poster sessions, symposia and workshops. Special emphasis is given on the importance of the poster sessions, which means, considerable time will be allocated to the presentations and discussions of the posters. During the whole conference there will be a high quality Trade Exhibition in the same building adjacent to the lecture halls displaying modern instruments and state-of-the-art developments in microscopy of the physical and life sciences and nanotechnology. Together with the exhibitors' presentations this will be another highlight of the conference.

We have been trying to keep the conference fee low; especially for students the reduced conference fee will be € 80 only. Therefore we kindly ask you to encourage young scientists to present their contributions to make this meeting an even more lively event. As a special offer to our international colleagues being members of other microscopical

societies we would like to invite you to register at the reduced rates as they are valid for the members of the organizing societies.

We really want you all to feel at home at MC 2009 in Graz.



We are pleased to host the meeting in Graz hoping it will be a landmark. Graz is a city in the centre of Europe that has a long history in science, engineering and culture. The venue of the conference is a historical building located right in the centre of the city, equipped with modern conference facilities.

To receive further information please contact us at:

www.microscopy09.tugraz.at

Again, we would like to invite you to participate and make this conference by your contributions a scientifically stimulating and fruitful meeting of people developing and using modern microscopical methods. We are looking forward to seeing you all at MC 2009 in Graz.

Yours sincerely,

H. Peter Karnthaler

President of the MC 2009 Graz

Microscopy Conference 2009 in Graz

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Congress Topics

Instrumentation and Methodology

- » Atomic resolution microscopy (aberration correction, phase retrieval, holography)
- » Scherzer symposium on advanced electron optics (detectors, phase plates, spectrometers, monochromators) to commemorate the 100th birthday of Otto Scherzer
- » 3D-Imaging, nanotomography (Dual Beam, ultramicrotomy, ...) incl. data reduction
- » Analytical TEM (EELS, EFTEM, X-rays)
- » SEM (X-rays, STEM, low vacuum, low energy, ...)
- » Advanced sample preparation methods for life sciences and materials science
- » Other current topics of microscopy (atom probe, scanning probe, ...)



Life Sciences

- » 3D and cryo-TEM
- » High-resolution light microscopy, correlative light and electron microscopy
- » Tracking molecules in vivo, intracellular trafficking and cellular dynamics
- » Microscopy in plant sciences and microbiology
- » Microscopy in developmental biology and medicine
- » Structures of cells and tissues, localization of molecular targets
- » Image processing for life sciences

Materials Science

- » Materials for information technology
- » Nanoparticles and nanostructured materials
- » Alloys and intermetallics
- » Ceramics, coatings, geomaterials, ...
- » Carbon based materials, soft materials, polymers
- » Thin films and interfaces
- » Other current topics of materials science (in-situ microscopy, EBSD, ...)

Workshops

- » Bridging gaps in microscopy
- » Electron microscopy in human and veterinarian infectiology
- » Advanced microscopy in teaching

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Background image: CBED pattern from LaCoO₃ recorded with Gatan ORIUS™ SC200D CCD camera at camera length of 135 mm, exposure time of 1 sec (average of 30 frames), and spot size#9 at 200kV. Image is displayed on logarithm scale.

Information

Location

Graz, the capital of Styria, lies at the heart of Europe. A major university city, it is also a vibrant centre of the arts, science and research – and business. With a population of about 280,000, making the largest conurbation in Styria, the greater Graz area plays a leading role in technology.

Accommodation

Hotels of a wide range, from standard to luxury, are available in walking distance of Congress Graz and can be booked via the conference website. Special arrangements for student accommodation will be made.

Congress Venue

The venue of the meeting will be Congress Graz, located in the beautiful historic city centre of Graz featuring halls and rooms with a total of 2,900 square metres.

www.grazercongress.at

Climate

Sub alpine climate, warm days and fresh nights in summer.

Travel

Graz can be easily reached by train from within Austria, Slovenia, Italy and Hungary. The international airport Graz is directly connected to Frankfurt, Berlin, Düsseldorf, Munich, London, Zürich&Vienna.

Important Dates

- » **Abstract submission and registration open**
15 January, 2009
- » **Abstract submission deadline**
15 April, 2009
- » **Early registration deadline**
30 April, 2009
- » **Hotel reservation deadline**
31 July, 2009



Conference Language

English

Contact

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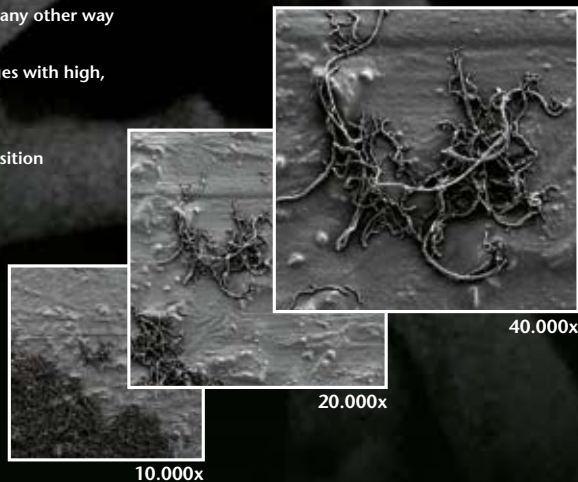
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This series of images from FEI's Magellan XHR SEM shows nanotubes imaged at 200 V, from 10 k to 600 k times magnification. Note the contrast and surface detail that would not be possible on other SEMs. Images courtesy of Prof. Raynald Gauvin and Camille Probst, McGill University.



Explore further at fei.com/magellan