



Fellow Microscopists, Colleagues and Students,

On the **10th of November 2011** Eindhoven University of Technology will host a one day meeting dedicated to **Electron Microscopy in Materials Science**.

The meeting is intended to **bring together on a national level all researchers, students and technical staff** with an interest in **TEM and SEM-based materials characterization**.

The meeting consists of **plenary sessions** and specialized **oral and poster sessions** (see also program below). We encourage all of you, whether newcomers or veterans in the field, to submit an abstract on your research. **The deadline for abstract submission is September 25, 2011.** Please use the abstract template at <http://NVVMmaterials2011.chem.tue.nl/Downloads>.

Thanks to our sponsors the registration fee is only 25 € per person and includes printed proceedings, coffee, lunch and drinks (Bank transfer details are sent in the registration confirmation and are available under downloads).

We are looking forward to greeting you at our **meeting venue ‘De Zwarte Doos’** at Eindhoven University for what we are sure will be an exciting and educational conference for all.

Heiner Friedrich

Organizer NVvM materials 2011

Web <http://NVVMmaterials2011.chem.tue.nl>

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PROGRAM - NVvM Materials Science Meeting 2011

Date 10th November 2011
Venue De Zwarte Doos TU Eindhoven (www.dezwartedoos.nl)
Web <http://NVVMmaterials.chem.tue.nl>

- 9:30-10:00 Registration and Coffee
- 10:00-11:00 Prof. Ute Kaiser (University of Ulm)
"Atomic-resolution TEM at voltages down to 20 kV - Status and Prospects."
- 11:00-12:00 Dr. Nico Sommerdijk (TU Eindhoven)
"CryoTEM in Materials Science: Studying biomimetic mineralization"
- 12:00-13:00 Posters and Lunch
- 13:00-15:00 Parallel Sessions
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|-----|-------------|--|
| TEM | 13:00-13:30 | Prof. Bart Kooi (RU Groningen)
<i>"Crystal growth in phase-change thin films and devices"</i> |
| | 13:30-14:00 | selected from abstracts |
| | 14:00-14:30 | Dr. Patricia Kooyman (TU Delft)
<i>"TEM in catalysis engineering research"</i> |
| | 14:30-15:00 | selected from abstracts |
| SEM | 13:00-13:30 | Prof. Martyn Drury (Utrecht University)
<i>"FIB-SEM tomography of Earth materials"</i> |
| | 13:30-14:00 | selected from abstracts |
| | 14:00-14:30 | David Wall (FEI Company)
<i>"Latest developments in SEM and SDB for Materials Science"</i> |
| | 14:30-15:00 | selected from abstracts |
- 15:00-16:00 Posters and Coffee
- 16:00-17:00 Dr. Max Haider (CEOS-GmbH)
"The past, present and future of aberration correction for high resolution EM"
- 17:00-18:00 Drinks