

Microprobes Division Fachverband Mikrosonden (MI)

Hartmut S. Leipner
Martin-Luther-Universität
Interdisziplinäres Zentrum für
Materialwissenschaften
06099 Halle
hartmut.leipner+DPG@cmat.uni-halle.de

Enrico Langer
Technische Universität Dresden
Institut für Festkörperphysik
Helmholtzstraße 10
01062 Dresden
langer@physik.tu-dresden.de

Overview of Invited Talks and Sessions

(lecture rooms HSZ 401, and BEY 81; poster P5 IFW)

Tutorials

MI 1.1	Sun	16:00–16:45	HSZ 401	Energy dispersive X-ray spectroscopy, from the method to the instrumentation — ●JANA BERLIN
MI 1.2	Sun	16:45–17:30	HSZ 401	WDS technique - advanced analytical tool for the SEM — ●FRANK BAUER
MI 1.3	Sun	17:45–18:30	HSZ 401	Hard X-ray scanning microscopy and tomography with elemental, chemical, and structural contrast — ●CHRISTIAN G. SCHROER
MI 1.4	Sun	18:30–19:15	HSZ 401	2D- and 3D-microanalysis using focussed MeV-ion beams — ●TILMAN BUTZ

Invited Talks

MI 2.1	Mon	9:30–10:15	BEY 81	Diffraction techniques in the scanning electron microscope: making SEM a universal tool for microstructure research — ●STEFAN ZAEFFERER
MI 3.1	Mon	14:30–15:15	BEY 81	Transmission electron microscopy of interface and defect phenomena of functional materials — ●WOLFGANG JÄGER
MI 3.2	Mon	15:15–16:00	BEY 81	The contrast mechanisms of LL-BSE electrons in FE-SEM - Characterization of polymer, single proteins, and oxidization states of elements — ●HEINER JAKSCH
MI 5.1	Tue	9:30–10:15	BEY 81	Röntgenspektroskopie an hochgeladenen Ionen — ●GÜNTER ZSCHORNACK

Sessions

MI 1.1–1.4	Sun	16:00–19:15	HSZ 401	Tutorial on State of the Art of X-Ray Microanalysis
MI 2.1–2.9	Mon	9:30–13:15	BEY 81	Electron Backscattering and Kossel X-Ray Diffraction
MI 3.1–3.5	Mon	14:30–16:45	BEY 81	TEM- and SEM-based Material Analysis
MI 4.1–4.6	Mon	17:30–19:30	P5	Poster: Microanalysis and Microscopy
MI 5.1–5.9	Tue	9:30–12:45	BEY 81	X-Ray Spectrometry and Tomography

Mitgliederversammlung des Fachverbandes Mikrosonden

Dienstag 13:30–14:30 BEY 81

- Bericht des Fachverbandsvorsitzenden
- Planung der DPG-Tagung im Max-von-Laue-Jahr 2012
- Verschiedenes