

Microprobes Division Fachverband Mikrosonden (MI)

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Overview of Invited Talks and Sessions

(Lecture room: EMH 225; Posters: B)

Invited Talks of the Joint Symposium "Domain Wall Functionality and Engineering in Complex Oxides" (SYDW)

See SYDW for the full program of the symposium.

SYDW 1.1	Mon	9:30–10:00	H 0105	Domain walls: from conductive paths to technology roadmaps — •GUSTAU CATALAN
SYDW 1.2	Mon	10:00–10:30	H 0105	Domain walls and oxygen vacancies - towards reversible control of domain wall conductance — •PATRYCJA PARUCH
SYDW 1.3	Mon	10:30–11:00	H 0105	Novel mechanisms of domain-wall formation — •ANDRES CANO
SYDW 1.4	Mon	11:30–12:00	H 0105	Novel materials at domain walls — •BEATRIZ NOHEDA
SYDW 1.5	Mon	12:00–12:30	H 0105	Controlling and mapping domain wall behaviour in ferroelectrics — •JOHN MARTIN GREGG, JONATHAN WHYTE, RAYMOND MCQUAID, MICHAEL CAMPBELL, AMIT KUMAR, ROGER WHATMORE

Invited Talks of the Joint Symposium "On-Surface Polymerization" (SYOP)

See SYOP for the full program of the symposium.

SYOP 1.1	Mon	15:00–15:30	H 0105	Formation mechanisms of covalent nanostructures — •JONAS BJÖRK
SYOP 1.2	Mon	15:30–16:00	H 0105	Selective C-H Activation and C-C coupling on Metal Surfaces — •LIFENG CHI
SYOP 1.3	Mon	16:00–16:30	H 0105	On-Surface Synthesis on Insulating Substrates — •ANGELIKA KUEHNLE
SYOP 1.4	Mon	16:45–17:15	H 0105	On-surface polymerization - a synthetic route to 2D polymers — •MARKUS LACKINGER
SYOP 1.5	Mon	17:15–17:45	H 0105	On-surface azide-alkyne click chemistry and a novel metal-organic network based on Cu adatom trimers — •TROLLE LINDEROTH

Invited Talks

MI 1.1	Mon	9:30–10:15	EMH 225	High-resolution electron cryo-microscopy of macromolecular protein complexes — •WERNER KÜHLBRANDT
MI 1.2	Mon	10:15–11:00	EMH 225	Electron Cryotomography of Archaea — •BERTRAM DAUM
MI 3.1	Mon	15:00–15:45	EMH 225	Orientations, texture, properties - applications of electron backscatter diffraction — •KARSTEN KUNZE
MI 5.1	Tue	10:30–11:15	EMH 225	Dynamic Light Scattering on Polymer Gels — •BERNHARD FERSE, FRANZISKA KRAHL, DOREEN BEYER, KARL-FRIEDRICH ARNDT, ANDREAS RICHTER
MI 9.1	Wed	11:45–12:30	EMH 225	Experiments with the intense and brightness enhanced positron beam at NEPOMUC — •CHRISTIAN PIOCHACZ, THOMAS GIGL, NIKLAS GRILL, MARKUS REINER, SAMANTHA ZIMNIK, CHRISTOPH HUGENSCHMIDT

Sessions

MI 1.1–1.5	Mon	9:30–11:45	EMH 225	Microanalysis and Microscopy of Biological Materials
MI 2.1–2.5	Mon	12:00–13:15	EMH 225	Analytical Transmission Electron Microscopy and Atom Probe Tomography
MI 3.1–3.5	Mon	15:00–16:45	EMH 225	Analytical Scanning Electron Microscopy
MI 4.1–4.2	Tue	9:30–10:00	C 243	On-Surface Polymerization (contributed Session to the Symposium SYOP, joint Session with CPP)
MI 5.1–5.1	Tue	10:30–11:15	EMH 225	International Year of Light
MI 6.1–6.2	Tue	11:30–12:00	EMH 225	Scanning Probe Microscopy
MI 7.1–7.5	Wed	9:30–10:45	EMH 225	X-ray Imaging, Tomography and X-ray Optics
MI 8.1–8.2	Wed	11:00–11:30	EMH 225	Ionenstrahlmethoden
MI 9.1–9.3	Wed	11:45–13:00	EMH 225	Positron Annihilation Studies of Condensed Matter
MI 10.1–10.9	Wed	15:00–17:30	Poster B	Poster: Microanalysis and Microscopy

Mitgliederversammlung des Fachverbandes Mikrosonden

Montag 17:30 EMH 225

- Bericht des Fachverbandsvorsitzenden
- Planung der DPG-Tagung 2016
- Verschiedenes