METALL- und MATERIALPHYSIK (MM)

Prof. Dr. Winfried Petry
Technische Universität München
Forschungs-Neutronenquelle FRM II und Physik Department E13
D-85747 Garching
E-Mail: wpetry@frm2.tum.de

ÜBERSICHT DER HAUPTVORTRÄGE UND FACHSITZUNGEN

(Hörsäle TU H111, TU H1058, TU H2038)

Hauptvorträge

MM 1.1	Fr	09:45	(TU H1058)	**Exchange coupled magnetostrictive multilayers**, Eckhard Quandt
MM 5.1	Fr	10:30	(TU H1058)	**The world of complex metallic compounds and the CMA European Network of Excellence**, Jean-Marie Dubois, Louis Schlapbach, Knut Urban
MM 7.1	Fr	14:00	(TU H1058)	**Colloidal Particles - a 3-D Analogue Computer for Materials Research**, Peter Schall, David A. Weitz, Frans Spaepen
MM 8.1	Fr	14:45	(TU H1058)	**Electronic structure of Frank-Kasper Al-Mg based compounds**, Esther Belin-Ferré
MM 10.1	Fr	17:00	(TU H1058)	**Magnetic and Transport Properties of Al-based Complex Metallic Alloys**, Janez Dolinsek
MM 15.1	Sa	08:30	(TU H1058)	**Modelling of phase transformations : from the lab to the plant**, Yves J.M. Bréchet
MM 22.1	Sa	14:00	(TU H1058)	**Engineering Materials Research with Neutrons and Photons: Contributions to better Lightweight Structures**, Andreas Schreyer
MM 26.1	Mo	09:45	(TU H1058)	**Size effects in metal plasticity**, Cynthia A. Volkert
MM 29.1	Mo	10:30	(TU H1058)	**Nanoscale electron tomography for materials science**, P.A. Midgley, T.J.V. Yates, J.R. Tong, I. Arslan
MM 31.1	Mo	14:00	(TU H1058)	**Finite temperature ab initio modeling of formation and migration of impurities, point defects and planar faults** , Walter Wolf
MM 33.1	Mo	16:30	(TU H1058)	**New trends in synchrotron-based tomography**, Cloetens P.
MM 35.1	Di	09:45	(TU H1058)	**Prediction of material fatigue**, Karl Maier
MM 36.1	Di	10:30	(TU H1058)	**Synchrotron X-ray microtomography: principles and applications**, A. Haibel, A. Rack, S. Zabler, J. Banhart
MM 42.1	Di	14:00	(TU H1058)	**Atomic size matters**, Mike Finnis
MM 43.1	Di	14:45	(TU H1058)	**Absorption- and phase-based imaging signals for neutron tomography**, Wolfgang Treimer
MM 45.1	Di	16:30	(TU H1058)	**Neutron tomography as tool for applied research and technical inspection**, Eberhard H. Lehmann, Peter Vontobel

Fachsitzungen

MM 1	**Hauptvortrag Eckhard Quandt**	Fr 09:45–10:15	TU H1058	MM 1.1–1.1
MM 2	**Flüssige und amorphe Metalle I**	Fr 10:30–11:30	TU H111	MM 2.1–2.4
MM 3	**Flüssige und amorphe Metalle II**	Fr 11:30–12:30	TU H111	MM 3.1–3.4
MM 4	**Wasserstoff in Metallen**	Fr 10:30–12:00	TU H2038	MM 4.1–4.6
MM 5	**Symposium Complex Metallic Alloys, Hauptvortrag Jean-Marie Dubois**	Fr 10:30–11:00	TU H1058	MM 5.1–5.1
MM 6	**Symposium Complex Metallic Alloys I**	Fr 11:00–12:15	TU H1058	MM 6.1–6.5
MM 7	**Hauptvortrag Peter Schall**	Fr 14:00–14:30	TU H1058	MM 7.1–7.1

MM 8	**Symposium Complex Metallic Alloys, Hauptvortrag Esther Belin-Ferré**	Fr	14:45–15:15	TU H1058	MM 8.1–8.1
MM 9	**Symposium Complex Metallic Alloys II**	Fr	15:15–16:30	TU H1058	MM 9.1–9.5
MM 10	**Symposium Complex Metallic Alloys, Hauptvortrag Janez Dolinsek**	Fr	17:00–17:30	TU H1058	MM 10.1–10.1
MM 11	**Symposium Complex Metallic Alloys III**	Fr	17:30–18:45	TU H1058	MM 11.1–11.5
MM 12	**Flüssige und amorphe Metalle III**	Fr	14:45–16:15	TU H111	MM 12.1–12.6
MM 13	**Flüssige und amorphe Metalle IV**	Fr	16:30–17:30	TU H111	MM 13.1–13.4
MM 14	**Wachstum**	Fr	14:45–16:15	TU H2038	MM 14.1–14.6
MM 15	**Hauptvortrag Yves Bréchet**	Sa	08:30–09:00	TU H1058	MM 15.1–15.1
MM 16	**Phasenumwandlung I**	Sa	09:15–10:45	TU H1058	MM 16.1–16.6
MM 17	**Phasenumwandlung II**	Sa	11:00–12:15	TU H1058	MM 17.1–17.5
MM 18	**Nanoskalige Materialien I**	Sa	09:15–10:45	TU H111	MM 18.1–18.6
MM 19	**Nanoskalige Materialien II**	Sa	11:00–12:30	TU H111	MM 19.1–19.6
MM 20	**Intermetallische Phasen I**	Sa	09:15–10:30	TU H2038	MM 20.1–20.5
MM 21	**Intermetallische Phasen II**	Sa	11:00–12:15	TU H2038	MM 21.1–21.5
MM 22	**Hauptvortrag Andreas Schreyer**	Sa	14:00–14:30	TU H1058	MM 22.1–22.1
MM 23	**Phasenumwandlung III**	Sa	14:45–16:30	TU H1058	MM 23.1–23.7
MM 24	**Nanoskalige Materialien III**	Sa	14:45–16:00	TU H111	MM 24.1–24.5
MM 25	**Material Design**	Sa	14:45–16:30	TU H2038	MM 25.1–25.7
MM 26	**Hauptvortrag Cynthia Volkert**	Mo	09:45–10:15	TU H1058	MM 26.1–26.1
MM 27	**Quasikristalle**	Mo	10:30–11:45	TU H111	MM 27.1–27.5
MM 28	**Elektronische Eigenschaften**	Mo	10:30–12:00	TU H2038	MM 28.1–28.6
MM 29	**Symposium Tomographic Methods in Materials Research Hauptvortrag Paul Midgley**	Mo	10:30–11:00	TU H1058	MM 29.1–29.1
MM 30	**Symposium Tomographic Methods in Materials Research**	Mo	11:00–12:40	TU H1058	MM 30.1–30.5
MM 31	**Hauptvortrag Walter Wolf**	Mo	14:00–14:30	TU H1058	MM 31.1–31.1
MM 32	**Poster TU B (Symposium Tomographic Methods in Materials Research M-32.32-55)**	Mo	14:30–16:30	Poster TU B	MM 32.1–32.54
MM 33	**Symposium Tomographic Methods in Materials Research Hauptvortrag Cloetens**	Mo	16:30–17:00	TU H1058	MM 33.1–33.1
MM 34	**Symposium Tomographic Methods in Materials Research**	Mo	17:00–18:00	TU H1058	MM 34.1–34.3
MM 35	**Hauptvortrag Karl Maier**	Di	09:45–10:15	TU H1058	MM 35.1–35.1
MM 36	**Symposium Tomographic Methods in Materials Research Hauptvortrag Astrid Haibel**	Di	10:30–11:00	TU H1058	MM 36.1–36.1
MM 37	**Symposium Tomographic Methods in Materials Research**	Di	11:00–12:40	TU H1058	MM 37.1–37.5
MM 38	**Mechanische Eigenschaften I**	Di	10:30–11:30	TU H111	MM 38.1–38.4
MM 39	**Mechanische Eigenschaften II**	Di	11:30–12:15	TU H111	MM 39.1–39.3
MM 40	**Diffusion I**	Di	10:30–11:30	TU H2038	MM 40.1–40.4
MM 41	**Diffusion II**	Di	11:30–12:30	TU H2038	MM 41.1–41.4
MM 42	**Hauptvortrag Mike Finnis (Max-Born Preisträger)**	Di	14:00–14:30	TU H1058	MM 42.1–42.1
MM 43	**Symposium Tomographic Methods in Materials Research Hauptvortrag Wolfgang Treimer**	Di	14:45–15:15	TU H1058	MM 43.1–43.1
MM 44	**Symposium Tomographic Methods in Materials Research**	Di	15:15–16:15	TU H1058	MM 44.1–44.3
MM 45	**Symposium Tomographic Methods in Materials Research Hauptvortrag Eberhard Lehmann**	Di	16:30–17:00	TU H1058	MM 45.1–45.1
MM 46	**Symposium Tomographic Methods in Materials Research**	Di	17:00–18:00	TU H1058	MM 46.1–46.3
MM 47	**Mechanische Eigenschaften III**	Di	14:45–16:00	TU H111	MM 47.1–47.5
MM 48	**Mechanische Eigenschaften IV**	Di	16:30–17:45	TU H111	MM 48.1–48.5
MM 49	**Grenzflächen I**	Di	14:45–16:00	TU H2038	MM 49.1–49.5
MM 50	**Grenzflächen II**	Di	16:30–17:45	TU H2038	MM 50.1–50.5

Mitgliederversammlung des Fachverbands Metall- und Materialphysik

Di 18:00–19:00 TU H2038

Tagesordnung

Berichte des Fachverbandsvorsitzenden und des AGM Vorsitzenden

Frühjahrstagung 2005, Beiträge, Statistiken

Frühjahrstagung 2006 in Dresden gemeinsam mit der EPS

Neue Themenfelder und Symposia für die Metall- und Materialphysik

Vorschläge für Hauptvorträge

Sonstiges