

## METAL- AND MATERIAL PHYSICS

METALL- UND MATERIALPHYSIK (MM)

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## OVERVIEW OF INVITED TALKS AND SESSIONS

(lecture rooms IFW A, IFW B, IFW D)

## Invited Talks

MM 1.1	Mon	09:30	(IFW A)	<b>Fundamentals of Severe Plastic Deformation</b> , <a href="#">Michael Zehetbauer</a>
MM 6.1	Mon	14:00	(IFW A)	<b>Solid-State Physics with Fast Heavy Ions</b> , <a href="#">Siegfried Klaumünzer</a>
MM 11.1	Tue	09:30	(IFW A)	<b>The Materials Challenge for Hydrogen Storage</b> , <a href="#">Züttel Andreas</a>
MM 16.1	Tue	14:00	(IFW A)	<b>Electron Holography - New Possibilities for Materials Characterization with (sub-)nanometer Resolution</b> , <a href="#">Michael Lehmann</a>
MM 26.1	Thu	09:30	(IFW A)	<b>Ion Tracks in Solids: An Overview of Technological Applications</b> , <a href="#">Hardev Singh Virk</a>
MM 32.1	Thu	14:00	(IFW A)	<b>From First-Principles Calculations to Precipitate Microstructure Evolution in Alloys</b> , <a href="#">Long-Qing Chen</a>
MM 39.1	Fri	10:15	(IFW A)	<b>Effect of High Magnetic Field on Crystallographic Texture and Grain Microstructure Evolution in Non-Ferromagnetic Metals</b> , <a href="#">Dmitri A. Molodov</a>

## Sessions

MM 1	<b>Invited talk Zehetbauer (SYSPD)</b>	Mon 09:30–10:00	IFW A	MM 1.1–1.1
MM 2	<b>Symposium Severe Plastic Deformation I</b>	Mon 10:15–12:45	IFW A	MM 2.1–2.5
MM 3	<b>Symposium Modern Metallic Materials Design I</b>	Mon 10:15–12:45	IFW B	MM 3.1–3.8
MM 4	<b>Phase transitions I</b>	Mon 10:15–11:15	IFW D	MM 4.1–4.4
MM 5	<b>Phase transitions II</b>	Mon 11:45–13:00	IFW D	MM 5.1–5.5
MM 6	<b>Invited talk Klaumünzer</b>	Mon 14:00–14:30	IFW A	MM 6.1–6.1
MM 7	<b>Symposium Severe Plastic Deformation II</b>	Mon 14:45–17:30	IFW A	MM 7.1–7.5
MM 8	<b>Symposium Modern Metallic Materials Design II</b>	Mon 14:45–16:30	IFW B	MM 8.1–8.7
MM 9	<b>Interfaces</b>	Mon 14:45–16:15	IFW D	MM 9.1–9.6
MM 10	<b>Intermetallic phases</b>	Mon 16:30–17:45	IFW D	MM 10.1–10.5
MM 11	<b>Invited talk Züttel</b>	Tue 09:30–10:00	IFW A	MM 11.1–11.1
MM 12	<b>Symposium Severe Plastic Deformation III</b>	Tue 10:15–12:45	IFW A	MM 12.1–12.4
MM 13	<b>Symposium Modern Metallic Materials Design III</b>	Tue 10:15–13:15	IFW B	MM 13.1–13.10
MM 14	<b>Hydrogen in Metals I</b>	Tue 10:15–11:15	IFW D	MM 14.1–14.4
MM 15	<b>Hydrogen in Metals II</b>	Tue 11:45–12:45	IFW D	MM 15.1–15.4
MM 16	<b>Invited talk Lehmann</b>	Tue 14:00–14:30	IFW A	MM 16.1–16.1
MM 17	<b>Symposium Severe Plastic Deformation IV</b>	Tue 14:45–17:30	IFW A	MM 17.1–17.7
MM 18	<b>Materials Design</b>	Tue 14:45–16:00	IFW B	MM 18.1–18.5
MM 19	<b>Electronic Properties I</b>	Tue 16:30–17:45	IFW B	MM 19.1–19.5
MM 20	<b>Amorphous and Liquid Materials I</b>	Tue 14:45–16:00	IFW D	MM 20.1–20.5
MM 21	<b>Amorphous and Liquid Materials II</b>	Tue 16:30–17:45	IFW D	MM 21.1–21.5

MM 22	<b>Electronic Properties II</b>	Wed 14:00–15:30	IFW A	MM 22.1–22.6
MM 23	<b>Mechanical Properties I</b>	Wed 14:00–15:15	IFW B	MM 23.1–23.5
MM 24	<b>Quasicrystals</b>	Wed 14:00–15:15	IFW D	MM 24.1–24.5
MM 25	<b>Poster Session</b>	Wed 15:30–17:30	P4	MM 25.1–25.45
MM 26	<b>Invited Talk Virk</b>	Thu 09:30–10:00	IFW A	MM 26.1–26.1
MM 27	<b>Diffusion I</b>	Thu 10:15–11:15	IFW B	MM 27.1–27.4
MM 28	<b>Amorphous and Liquid Materials III</b>	Thu 11:45–13:00	IFW B	MM 28.1–28.5
MM 29	<b>Poster Session (SYNW)</b>	Thu 10:00–11:00	P4	MM 29.1–29.6
MM 30	<b>Symposium Nano Wires (SYNW)</b>	Thu 11:00–13:15	IFW D	MM 30.1–30.9
MM 31	<b>Symposium Materials Modelling I</b>	Thu 10:15–13:00	IFW A	MM 31.1–31.6
MM 32	<b>Invited Talk Chen (SYMM)</b>	Thu 14:00–14:30	IFW A	MM 32.1–32.1
MM 33	<b>Symposium Materials Modelling II</b>	Thu 14:45–16:30	IFW A	MM 33.1–33.6
MM 34	<b>Symposium Materials Modelling III</b>	Thu 17:00–18:45	IFW A	MM 34.1–34.7
MM 35	<b>Growth</b>	Thu 14:45–16:30	IFW B	MM 35.1–35.7
MM 36	<b>Amorphous and Liquid Materials IV</b>	Thu 16:30–18:00	IFW B	MM 36.1–36.6
MM 37	<b>Nanostructured Materials I</b>	Thu 14:45–16:15	IFW D	MM 37.1–37.6
MM 38	<b>Nanostructured Materials II</b>	Thu 16:30–18:00	IFW D	MM 38.1–38.6
MM 39	<b>Invited Talk Molodov</b>	Fri 10:15–10:45	IFW A	MM 39.1–39.1
MM 40	<b>Nanostructured Materials III</b>	Fri 11:00–12:00	IFW D	MM 40.1–40.4
MM 41	<b>Nanostructured Materials IV</b>	Fri 12:30–13:15	IFW D	MM 41.1–41.3
MM 42	<b>Diffusion II</b>	Fri 11:00–12:00	IFW B	MM 42.1–42.4
MM 43	<b>Diffusion III</b>	Fri 12:30–13:30	IFW B	MM 43.1–43.4
MM 44	<b>Mechanical Properties II</b>	Fri 11:00–12:00	IFW A	MM 44.1–44.4
MM 45	<b>Mechanical Properties III</b>	Fri 12:30–13:30	IFW A	MM 45.1–45.4

**Symposium: Nano Wires**, see SYNW, continuation Thursday session MM30, poster session Thursday MM29

**Symposium: Dynamics of electron transfer**, see SYET

**Symposium: Multiferroic Materials**, see SYMM

### Annual General Meeting of the Section Metal- and Material Physics

Tue 18:00–19:00 IFW A

#### Agenda

1. Reports from the chairmans of the FV MM and the AGMM
2. Spring Meeting 2005 Dresden, contributions and statistics
3. New subjects and symposia for the next spring meeting
4. Suggestions for invited talks for the next meeting
5. others