

Magnetism Division Fachverband Magnetismus (MA)

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Overview of Invited Talks and Sessions

(lecture rooms: invited talks EB 301, sessions EB 202, H 1012, H 1028, and H 0112 (only Monday);
Posters Tuesday and Friday Neubau Physik EG 1)

Invited Talks

MA 1.1	Mon	9:30–10:00	EB 301	Composite nanoparticles and nanopatterns for ultrahigh density magnetic recording — ●DAGMAR GOLL
MA 6.1	Mon	14:00–14:30	EB 301	Genuine bulk electronic structures of strongly correlated transition metal oxides revealed by high energy photoelectron spectroscopy — ●SHIGEMASA SUGA
MA 6.2	Mon	14:30–15:00	EB 301	Probing spin excitations in magnetic nanostructures and half metals — ●MARKUS MÜNZENBERG
MA 12.1	Tue	9:30–10:15	HE 101	Electrons at Surfaces Taking an Unexpected Turn — ●STEFAN BLÜGEL
MA 17.1	Tue	14:00–14:30	EB 301	FePt nanomagnets from the gas phase — ●BERND RELLINGHAUS, ELIAS MOHN, UTE QUEITSCH, LUDWIG SCHULTZ
MA 17.2	Tue	14:30–15:00	EB 301	Influence of composition inhomogeneities and symmetry reduction on the magnetism of FePt nanoparticles — ●CAROLIN ANTONIAK
MA 25.1	Thu	12:00–12:30	EB 301	Magnetization dynamics due to pure spin currents — ●GEORG WOLTERS DORF, OLEXANDR MOSENDZ, CHRISTIAN H. BACK, BRET HEINRICH
MA 25.2	Thu	12:30–13:00	EB 301	Time-Resolved Imaging of Domain-Wall and Vortex Motion Driven by Spin-Polarized Currents — ●GUIDO MEIER
MA 25.3	Thu	13:00–13:30	EB 301	Controlling Magnetism by light — ●THEO RASING

FV Internal Symposium in Honour of Nobelprice 2007 to Peter Grünberg and Albert Fert

MA 24.1	Thu	9:30–10:00	EB 301	Physics and applications of tunneling magnetoresistance effect — ●SHINJI YUASA
MA 24.2	Thu	10:00–10:30	EB 301	From giant magnetoresistance to current-induced magnetic switching: theoretical aspects — ●JOZEF BARNAS
MA 24.3	Thu	10:30–11:00	EB 301	Magnetoresistive Sensors and Magnetic Nanoparticles for Biotechnology — ●GÜNTER REISS, ANDREAS HÜTTEN, INGA ÊNNEN, ALEXANDER WEDDEMANN, ANDY THOMAS, JAN SCHMALHORST
MA 24.4	Thu	11:00–11:30	EB 301	Status and Future of Magnetic Recording — ●DIETER WELLER

Invited talks of the joint symposium SYPT

See SYPT for the full program of the Symposium.

SYPT 1.1	Mon	14:00–14:35	H 0105	Dark order in the metallic state — ●ANDREW JOHN SCHOFIELD
SYPT 1.2	Mon	14:35–15:10	H 0105	Quantum criticality in YbRh₂Si₂ — ●PHILIPP GEGENWART
SYPT 1.3	Mon	15:10–15:45	H 0105	Elementary Excitations in Quantum Critical Antiferromagnets — ●CHRISTIAN RUEGG
SYPT 1.4	Mon	16:00–16:35	H 0105	How to have fun with frustrated ferromagnets — ●NIC SHANNON, TSUTOMU MOMOI, PHILIPPE SINDZINGRE

SYPT 1.5	Mon	16:35–17:10	H 0105	Towards Quantum Magnetism with Ultracold Quantum Gases in Optical Lattices — ●IMMANUEL BLOCH
SYPT 1.6	Mon	17:10–17:45	H 0105	Correlated inhomogeneous systems: from trapped atoms to heterostructures — ●ACHIM ROSCH

Invited talks of the joint symposium SYNf

See SYNf for the full program of the Symposium.

SYNF 2.1	Tue	14:30–15:00	A 151	Tunable two-dimensional electron gases in correlated electronic systems — ●J. MANNHART, G. HAMMERL, T. KOPP, C. RICHTER, C.W. SCHNEIDER, S. THIEL, N. REYREN, A.D. CAVIGLIA, S. GARIGLIO, D. JACCARD, J.-M. TRISCONE, L. FITTING-KOURKOUTIS, D. MULLER, C. CHENG, J. LEVY
SYNF 2.2	Tue	15:00–15:30	A 151	New physics from electron correlations at oxide interfaces — ●WARREN E. PICKETT, ROSSITZA PENTCHEVA
SYNF 2.3	Tue	15:30–16:00	A 151	Gigantic magnetoelectric responses in hellimagnets — ●Y. TOKURA
SYNF 2.4	Tue	16:00–16:30	A 151	Electrical field control of ferromagnets using multiferroics — ●RAMAMOORTHY RAMESH
SYNF 2.5	Tue	16:30–17:00	A 151	Spintronics with multiferroic materials — ●AGNES BARTHELEMY
SYNF 2.6	Tue	17:00–17:30	A 151	Magnetoelectric effects at multiferroic interfaces — ●EVGENY TSYMBAL

Sessions

MA 0.1–0.1	Sun	14:00–17:00	EW 202	Tutorial: Magnetic Shape Memory Alloys
MA 1.1–1.1	Mon	9:30–10:00	EB 301	Invited Talk Goll
MA 2.1–2.11	Mon	10:15–13:00	EB 301	Micro and Nanostructured Magnetic Materials I
MA 3.1–3.11	Mon	10:15–13:00	H 1012	Magnetic Semiconductors
MA 4.1–4.9	Mon	10:15–12:30	H 1028	Magnetic Coupling Phenomena; Exchange Bias
MA 5.1–5.11	Mon	10:15–13:00	H 0112	Spindependent Transportphenomena I
MA 6.1–6.2	Mon	14:00–15:00	EB 301	Invited Talks Suga / Münzenberg
MA 7.1–7.13	Mon	15:15–18:30	EB 301	Micro and Nanostructured Magnetic Materials II
MA 8.1–8.6	Mon	15:15–16:45	H 1012	Magnetic Imaging
MA 9.1–9.6	Mon	16:45–18:15	H 1012	Micromagnetism/Computational Magnetics
MA 10.1–10.13	Mon	15:15–18:30	H 1028	Magnetic Materials
MA 11.1–11.9	Mon	15:15–17:30	H 0112	Spindependent Transportphenomena II
MA 12.1–12.1	Tue	9:30–10:15	HE 101	Invited Talk Blügel / joint session O & MA
MA 13.1–13.11	Tue	10:30–13:15	EB 301	Surface Magnetism
MA 14.1–14.11	Tue	10:30–13:15	EB 202	Magnetic Half Metals and Oxides
MA 15.1–15.11	Tue	10:30–13:15	H 1012	Magnetic Thin Films I
MA 16.1–16.10	Tue	10:30–13:00	H 1028	Magnetic Particles and Clusters I
MA 17.1–17.2	Tue	14:00–15:00	EB 301	Invited Talks Rellinghaus / Antoniak
MA 18.1–18.85	Tue	15:15–18:30	Poster E	Poster I : Bio Magn. (1-2); Mag. Imaging (3-9); Magn. Semiconductors (10-16); Half Metals & Oxides (17-20); Coupl. Phenomena (21-27); Magn. Mat. (28-41); Micro & Nanostr. Magn. Materials (42-61); Micro Magn. (62-64); Surface Magnetism (65-70); Transport Phenomena (71-85)
MA 19.1–19.18	Wed	14:00–18:45	EB 301	Spin Dynamics / Spin Torque I
MA 20.1–20.16	Wed	14:00–18:15	EB 202	Multiferroics
MA 21.1–21.18	Wed	14:00–18:45	H 1012	Magnetic Thin Films II
MA 22.1–22.10	Wed	14:00–16:30	H 1028	Magnetic Particles / Clusters II
MA 23.1–23.8	Wed	16:45–18:45	H 1028	Spinelectronics/ Spininjection in Heterostructures
MA 24.1–24.4	Thu	9:30–11:30	EB 301	FV Internal Symposium in honour of Nobelprice 2007 to Peter Grünberg and Albert Fert
MA 25.1–25.3	Thu	12:00–13:30	EB 301	Invited Talks Woltersdorf / Meier / Rasing
MA 26.1–26.16	Thu	14:30–18:45	EB 301	Spin Dynamics / Spin -Torque II
MA 27.1–27.14	Thu	14:30–18:00	EB 202	Bio- and Molecular Magnetism
MA 28.1–28.12	Thu	14:30–17:30	H 1012	Magnetic Thin Films III
MA 29.1–29.5	Thu	17:45–19:00	H 1012	Spin Structures / Magnetic Phase Transitions
MA 30.1–30.15	Thu	14:30–18:30	H 1028	Electron Theory

MA 31.1-31.4	Fri	9:30-11:10	EB 301	ThyssenKrupp Electrical Steel Dissertationspreis der 2008 der AG Magnetismus
MA 32.1-32.79	Fri	11:15-14:00	Poster E	Postersession II: Spinstruct./Phase Trans. (1-10); Spinelectronics (11-15); Thin Films (16 - 36); Particles/Clusters (37-45); Multiferroics (46-54); Spindynamics/Spin Torque (55 - 76); Post Deadlines (77-79)

Annual General Meeting of the Magnetism Division

Donnertag 19:00-20:00 Raum H 1028

- Bericht des Vorsitzenden
- ICM 2009
- Verschiedenes