

Dielectric Solids Division Fachverband Dielektrische Festkörper (DF)

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Overview of Invited Talks and Sessions

(lecture rooms MÜL Elch, KÖN Farb, HSZ 101, HSZ 04, GER 38, ZEU 114; Poster P1)

Invited Talks

DF 1.1	Mon	10:15–10:55	MÜL Elch	Design and Fabrication of Quantum-Enhanced Capacitors for CMOS-Applications — ●JOCHEN MANNHART, THILO KOPP, CHRISTOPH RICHTER, LU LI, ASHOORI RAY
DF 3.1	Mon	14:45–15:25	MÜL Elch	Advances of and by phase-field modelling in condensed matter physics — ●HEIKE EMMERICH
DF 6.1	Tue	10:15–10:55	MÜL Elch	Ultrafast X-ray Diffraction and all-optical Pump-Probe Spectroscopy on Oxide Multilayers — ●MATIAS BARGHEER
DF 10.1	Wed	10:15–10:55	MÜL Elch	Ferroelectric domains: Investigation, fabrication, and applications — ●ELISABETH SOERGEL

Invited talks of the joint symposium SKM-SYDT

See SKM-SYDT for the full program of the symposium.

SKM-SYDT 1.1	Thu	10:30–11:00	TRE Ma	Domain boundaries as active elements in multiferroics and martensites: steps towards Domain Boundary Engineering — ●EKHARD K.H. SALJE
SKM-SYDT 1.2	Thu	11:00–11:30	TRE Ma	Intermediate Phases in Perovskite Solid Solutions — ●IAN REANEY, CLIVE RANDALL, DAVID WOODWARD
SKM-SYDT 1.3	Thu	11:30–12:00	TRE Ma	Adaptive martensite and giant strain effects in multiferroics — ●ULRICH K. RÖSSLER
SKM-SYDT 1.4	Thu	12:00–12:30	TRE Ma	Nature of magnetic coupling in Ni-Mn-based martensitic Heusler alloys — ●MEHMET ACET, SEDA AKSOY, EBERHARD F. WASSERMANN, LLUIS MANOSA, ANTONI PLANES
SKM-SYDT 1.5	Thu	12:30–13:00	TRE Ma	Orthorhombic to tetragonal transition of SrRuO₃ layers in Pr_{0.7}Ca_{0.3}MnO₃/SrRuO₃ superlattices — ●MICHAEL ZIESE, FRANCIS BERN, IONELA VREJOIU, ECKHARD PIPPEL, ELIZAVETA NIKULINA

Sessions

DF 1.1–1.7	Mon	10:15–13:00	MÜL Elch	Dielectric and ferroelectric thin films 1
DF 2.1–2.5	Mon	11:00–12:40	KÖN Farb	Nonlinear dielectrics, phase transitions, relaxors
DF 3.1–3.7	Mon	14:45–17:30	MÜL Elch	Dielectric and ferroelectric thin films 2
DF 4.1–4.8	Mon	14:45–17:00	HSZ 04	Multiferroics I (Joint Session of MA, DF, DS, KR, TT)
DF 5.1–5.7	Mon	17:00–18:45	HSZ 04	Multiferroics II (Joint Session of MA, DF, DS, KR, TT)
DF 6.1–6.7	Tue	10:15–13:00	MÜL Elch	Optical and nonlinear optical properties, photonic
DF 7.1–7.1	Tue	10:15–10:45	HSZ 04	Multiferroics III (Joint Session of MA, DF, DS, KR, TT)
DF 8.1–8.6	Tue	10:45–12:15	HSZ 04	Multiferroics IV (Joint Session of MA, DF, DS, KR, TT)
DF 9.1–9.6	Tue	13:45–15:15	GER 38	High-k and Low-k Dielectrics (Joint Session of DS, DF)
DF 10.1–10.7	Wed	10:15–13:00	MÜL Elch	Nano- and microstructured dielectrics
DF 11.1–11.11	Wed	10:15–13:00	KÖN Farb	Glasses I (Joint Session of DY, DF, CPP)

DF 12.1–12.17	Wed	15:00–17:30	P1	Poster
DF 13.1–13.3	Thu	10:15–11:20	MÜL Elch	Electrical and mechanical properties
DF 14.1–14.2	Thu	11:20–12:00	MÜL Elch	Dielectric composites and functionally graded materials; ceramics
DF 15.1–15.7	Thu	10:45–13:00	ZEU 114	Glasses and Glass Transition II (Joint Session of CPP, DY, DF)
DF 16.1–16.5	Thu	14:15–16:00	MÜL Elch	Dielectric surfaces and interfaces
DF 17.1–17.6	Thu	14:00–16:45	HSZ 101	Crystallography in Materials Science (Joint Session of KR, DF)
DF 18.1–18.4	Thu	16:00–17:20	MÜL Elch	Applications of dielectric solids

Annual General Meeting of the Dielectric Solids Division

Mittwoch 17:45–19:00 MÜL Elch

- Bericht des Fachverbandleiters
- Tagungsnachlese
- Invited Talks 2012
- Tutorial, Focus Sessions, Plenary Talks and Symposia 2012
- Verschiedenes