

Dielectric Solids Division Fachverband Dielektrische Festkörper (DF)

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Overview of Invited Talks and Sessions

(Lecture rooms: GER 37 and WIL B321; Posters: P1)

Invited Talks

DF 1.1	Mon	9:30–10:15	GER 37	Optics with neutrons using holographic gratings — ●MARTIN FALLY, JÜRGEN KLEPP, CHRISTIAN PRUNER, YASUO TOMITA
DF 5.1	Tue	9:30–10:15	GER 37	Understanding the puzzling behavior of LiNbO₃ surfaces from <i>first-principles</i> — ●SIMONE SANNA
DF 7.1	Tue	12:00–12:45	GER 37	Defects in functional polar oxide materials - Detection and influence on electrical properties — ●TORSTEN GRANZOW, NINA BALKE, JULIA GLAUM, SILKE SCHAAB
DF 11.1	Wed	10:30–11:15	GER 37	Two-dimensional Oxide Quasicrystals: A new class of materials? — ●STEFAN FÖRSTER, KLAUS MEINEL, RENE HAMMER, MARTIN TRAUTMANN, WOLF WIDDRA
DF 17.1	Wed	15:00–15:45	GER 37	Smart multiferroic thin films for cognitive computing — ●HEIDEMARIE SCHMIDT
DF 19.1	Thu	9:30–10:15	GER 37	Analyzing electronic defect states at perovskite oxide interfaces by surface photovoltage spectroscopy — ●ELKE BEYREUTHER, LUKAS ENG

Invited talks of the joint symposium SYCM

See SYCM for the full program of the symposium.

SYCM 1.1	Mon	15:00–15:30	HSZ 02	Complexity on Compression: The Crystallography of High-Density Matter — ●MALCOLM MCMAHON
SYCM 1.2	Mon	15:30–16:00	HSZ 02	X-Ray Microscopy with Coherent Radiation: Beyond the Spatial Resolution of Conventional X-Ray Microscopy — ●CHRISTIAN G. SCHROER
SYCM 1.3	Mon	16:00–16:30	HSZ 02	Modulated martensite: A scale bridging Lego game for crystallographers and physicists — ●SEBASTIAN FÄHLER
SYCM 1.4	Mon	16:45–17:15	HSZ 02	Switching of magnetic domains reveals evidence for spatially inhomogeneous superconductivity — ●MICHEL KENZELMANN
SYCM 1.5	Mon	17:15–17:45	HSZ 02	The key role of magnetic neutron diffraction in materials science — ●LAURENT C. CHAPON

Sessions

DF 1.1–1.1	Mon	9:30–10:15	GER 37	Invited Talk - Martin Fally (Joint Session with CPP, TT, KR)
DF 2.1–2.8	Mon	10:30–13:10	GER 37	Optical and nonlinear optical properties, photonic
DF 3.1–3.5	Mon	15:00–17:45	HSZ 02	SYCM - Crystallography in Materials Science (Joint Session with KR)
DF 4.1–4.9	Mon	15:00–17:30	ZEU 146	Glasses (Joint Session with DY and CPP)
DF 5.1–5.1	Tue	9:30–10:15	GER 37	Invited Talk - Simone Sanna
DF 6.1–6.4	Tue	10:30–11:50	GER 37	High- and low-k-dielectrics (Joint Session with DS)
DF 7.1–7.1	Tue	12:00–12:45	GER 37	Invited Talk - Thorsten Granzow

DF 8.1–8.12	Tue	9:30–12:45	BEY 118	Multiferroics I (Joint Session with MA, DS, KR, TT)
DF 9.1–9.16	Tue	18:30–20:00	P1	Poster Session DF
DF 10.1–10.3	Wed	9:30–10:30	GER 37	Dielectric surfaces and interfaces
DF 11.1–11.1	Wed	10:30–11:15	GER 37	Invited Talk - Stefan Förster (Joint Session with O, DS, KR, MM)
DF 12.1–12.1	Wed	11:30–11:50	GER 37	Electrical and mechanical properties
DF 13.1–13.2	Wed	11:50–12:30	GER 37	Applications of dielectric solids
DF 14.1–14.1	Wed	12:30–12:50	GER 37	Nanostructured oxide thermoelectrics
DF 15.1–15.13	Wed	9:30–13:00	HSZ 04	Multiferroics II (Joint Session with MA, DS, KR, TT)
DF 16.1–16.3	Wed	11:45–12:45	WIL B321	Glasses (Joint Session with CPP and CY)
DF 17.1–17.1	Wed	15:00–15:45	GER 37	Invited Talk - Heidemarie Schmidt (Joint Session with MA, HL, DS, KR)
DF 18.1–18.7	Wed	16:00–18:20	GER 37	Dielectric and ferroelectric thin films
DF 19.1–19.1	Thu	9:30–10:15	GER 37	Invited Talk - Elke Beyreuther
DF 20.1–20.4	Thu	10:30–11:50	GER 37	Nonlinear dielectrics, phase transitions, relaxors
DF 21.1–21.2	Thu	12:00–12:40	GER 37	Nano- and microstructured dielectrics (Joint Session with KR)
DF 22.1–22.9	Thu	9:30–12:30	HÜL 186	Slow Dynamics in Glasses and Granular Matter I (Joint Focus Session with DY and CPP)
DF 23.1–23.3	Thu	11:45–12:45	ZEU 114	Glasses and Glass Transition I (Joint Session with CPP and DY)
DF 24.1–24.8	Thu	15:00–17:30	CHE 184	Crystallography in Materials Science (Joint Session with KR)
DF 25.1–25.7	Thu	15:00–17:30	ZEU 114	Glasses and Glass Transition II (Joint Session with CPP and DY)
DF 26.1–26.10	Thu	9:30–13:00	POT 251	Metamorphic structures: Bringing together incompatible materials I (Joint Focus Session with HL and DS)
DF 27.1–27.5	Thu	15:00–16:30	POT 251	Metamorphic structures: Bringing together incompatible materials II (Joint Focus Session with HL and DS)
DF 28.1–28.8	Fri	9:30–12:15	HÜL 186	Slow Dynamics in Glasses and Granular Matter II (Joint Focus Session with DY and CPP)

Annual General Meeting of the Dielectric Solids Division

Dienstag 15:30–16:15 GER 37

- Bericht
- Verschiedenes