

Dielectric Solids Division Fachverband Dielektrische Festkörper (DF)

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Overview of Invited Talks and Sessions

(Lecture Rooms H9 and H11; Poster B2)

Plenary Talk of the Dielectric Solids Division

PV VI Tue 14:00–14:45 H1 **The Thin-Disk Laser - from Physics to Industrial Applications** — ●THOMAS GRAF

Invited Talks

DF 20.1 Thu 9:30–10:10 H11 **Organic Perovskites : Intriguing Magnetic Ferroelectrics** — ●NARESH DALAL

DF 20.2 Thu 10:10–10:50 H11 **Ferroelectricity in organic and hybrid organic-inorganic compounds** — ●ALESSANDRO STROPPIA, SILVIA PICOZZI

DF 20.3 Thu 11:00–11:40 H11 **Coupling of charge and spin order in organic charge transfer salts** — ●MARTIN DRESSEL

DF 20.4 Thu 11:40–12:20 H11 **Electrodynamics and ferroelectricity in two-dimensional molecular solids** — ●SILVIA TOMIC, TOMISLAV IVEK, MARKO PINTERIC, MATIJA CULO, BOJANA KORIN-HAMZIC, MARTIN DRESSEL

Invited talks of the joint symposium SYTS

See SYTS for the full program of the symposium.

SYTS 1.1 Wed 9:30–10:00 H1 **Transport in Old and New Thermoelectric Materials** — ●DAVID SINGH

SYTS 1.2 Wed 10:00–10:30 H1 **Binary oxide structures as model systems for thermoelectric transport** — ●PETER J. KLAR, CHRISTIAN HEILIGER

SYTS 1.3 Wed 10:30–11:00 H1 **Functional oxides films: from single crystals to polycrystalline substrates** — ●WILFRID PRELLIER

SYTS 1.4 Wed 11:00–11:30 H1 **The Planar Nernst Effect and the Search for Thermal Spin Currents in Ferromagnetic Metals** — ●BARRY ZINK

SYTS 1.5 Wed 11:30–12:00 H1 **Tunneling magneto thermopower in magnetic tunnel junction nanopillars** — NIKLAS LIEBING, SANTIAGO SERRANO-GUISAN, PATRYK KRZYSZTECZKO, KARSTEN ROTT, GÜNTER REISS, JÜRGEN LANGER, BERTHOLD OCKER, ●HANS WERNER SCHUMACHER

Sessions

DF 1.1–1.3 Mon 9:30–10:30 H11 **Nano- and microstructured dielectrics**

DF 2.1–2.10 Mon 9:30–12:00 H3 **Multiferroics 1 (jointly with MA,DS,KR,TT)**

DF 3.1–3.1 Mon 10:30–10:50 H11 **Dielectric surfaces and interfaces**

DF 4.1–4.3 Mon 15:00–16:00 H11 **Electrical and mechanical properties**

DF 5.1–5.13 Mon 15:00–18:30 H3 **Multiferroics 2 (jointly with MA,DS,KR,TT)**

DF 6.1–6.1	Mon	16:05–16:25	H11	Nonlinear dielectrics, phase transitions, relaxors
DF 7.1–7.1	Mon	16:25–16:45	H11	Ceramics
DF 8.1–8.2	Mon	16:50–17:30	H11	Application of dielectric solids
DF 9.1–9.9	Mon	15:00–17:30	H34	Glasses and Glass Transition I (joint session with CPP, DY)
DF 10.1–10.8	Tue	9:30–12:20	H11	Optical and nonlinear optical properties, photonic
DF 11.1–11.11	Tue	9:30–12:30	H46	Glasses II (joint session with CPP, DY)
DF 12.1–12.85	Tue	10:30–13:30	Poster D	Poster 1
DF 13.1–13.1	Tue	14:00–14:45	H1	PV VI
DF 14.1–14.5	Wed	9:30–12:00	H1	Thermoelectric and Spincaloric Transport in Nanostructures
DF 15.1–15.3	Wed	9:30–10:30	H11	High- and low-k-dielectrics (joint session with DS)
DF 16.1–16.5	Wed	10:40–12:20	H11	Dielectric and ferroelectric thin films
DF 17.1–17.2	Wed	12:30–13:10	H11	Glasses III (joint session with CPP, DY)
DF 18.1–18.3	Wed	12:30–13:30	H9	Nanostructured oxide thermoelectrics
DF 19.1–19.23	Wed	15:00–17:30	Poster B2	Poster 2
DF 20.1–20.4	Thu	9:30–12:20	H11	Focus Session: Organic ferroelectrics
DF 21.1–21.12	Fri	9:30–12:45	H32	Resistive Switching (jointly with DF, KR, HL)
DF 22.1–22.82	Fri	10:30–13:30	Poster D	Poster II

Jahreshauptversammlung des Fachverbandes Dielektrische Festkörper

Mittwoch 18:00–19:00 H11

- Bericht des Fachverbandsleiters
- Analyse des bisherigen Tagungsverlaufes
- Wahl des neuen Fachverbands-Vorstandes 2013-2016
- Vorschläge für Themen von Symposien, Schwerpunktsitzungen, Plenar- und Hauptvorträgen für die kommenden Jahre
- Verschiedenes