

Crystallography Division Fachgruppe Kristallographie (KR)

Leonore Wiehl
TU Darmstadt, FB Materialwissenschaft, FG Disperse Feststoffe
Jovanka-Bontschits-Str. 2
64287 Darmstadt
wiehl@materials.tu-darmstadt.de

Overview of Invited Talks and Sessions

(lecture rooms: H 0105, EB 107, EB 407; Posters: C)

Invited talks of the joint symposium SYDW (DF, DS, KR, MA, MI, TT)

See SYDW for the full program of the symposium.

SYDW 1.1	Mon	9:30–10:00	H 0105	Domain walls: from conductive paths to technology roadmaps — •GUSTAU CATALAN
SYDW 1.2	Mon	10:00–10:30	H 0105	Domain walls and oxygen vacancies - towards reversible control of domain wall conductance — •PATRYCJA PARUCH
SYDW 1.3	Mon	10:30–11:00	H 0105	Novel mechanisms of domain-wall formation — •ANDRES CANO
SYDW 1.4	Mon	11:30–12:00	H 0105	Novel materials at domain walls — •BEATRIZ NOHEDA
SYDW 1.5	Mon	12:00–12:30	H 0105	Controlling and mapping domain wall behaviour in ferroelectrics — •JOHN MARTIN GREGG, JONATHAN WHYTE, RAYMOND MCQUAID, MICHAEL CAMPBELL, AMIT KUMAR, ROGER WHATMORE

Invited talks of the joint sessions “Multiferroics II” and “Ceramics and Applications”

See DF for the full program.

DF 14.1	Wed	15:00–15:30	EB 107	Low energy consumption spintronics using multiferroic heterostructures — •MORGAN TRASSIN
DF 13.1	Wed	11:20–11:50	EB 407	Twisting the anionic-electronic transport kinetics to trigger memristance for resistive switching non-volatile memories: new materials, structuring and methods — •JENNIFER RUPP, FELIX MESSERSCHMITT, SEBASTIAN SCHWEIGER, RAFAEL SCHMITT, MARKUS KUBICEK
DF 13.4	Wed	12:30–13:00	EB 407	Investigation of dielectrics under electron irradiation — •HANS-JOACHIM FITTING

Sessions

KR 1.1–1.5	Mon	9:30–12:30	H 0105	Symposium on Ferroic Domain walls (SYDW)
KR 2.1–2.6	Mon	19:00–21:00	Poster C	Poster Crystallography
KR 3.1–3.30	Mon	19:00–21:00	Poster C	Poster Session on Ferroic Domain Walls - Multiferroics (DF jointly with KR, MA, TT)
KR 4.1–4.13	Wed	9:30–13:00	EB 107	Multiferroics I (DF jointly with DS, KR, MA, TT)
KR 5.1–5.13	Wed	15:00–18:50	EB 107	Multiferroics II (DF jointly with DS, KR, MA,TT)
KR 6.1–6.4	Wed	11:20–13:00	EB 407	Ceramics and Applications (DF jointly with KR)
KR 7.1–7.8	Wed	15:00–17:40	EB 407	Optical and Nonlinear Optical Properties II (DF jointly with KR)

Annual General Meeting of the Crystallography (KR) and the Dielectric Solids (DF) Divisions

Mittwoch 19:00–20:00 EB 107

- Bericht
- Verschiedenes