

Crystallography Division Fachgruppe Kristallographie (KR)

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Overview of Invited Talks and Sessions

(Lecture rooms: CHE 184, and HSZ 02; Posters: P4)

Invited Talks

KR 13.1 Thu 15:00–15:30 CHE 184 **Crystals: Structure, Properties and Heart of Energy Conversion Devices** — •TILMANN LEISEGANG, JULIANE HANZIG, ERIK MEHNER, MATTHIAS ZSCHORNAK, FALK MEUTZNER, TINA NESTLER, BIANCA STÖRR, CHARAF CHERKOUK, ULRIKE WUNDERWALD, DIRK C. MEYER

Plenary Talk related to Division KR

PV II Mon 14:00–14:45 HSZ 01 **Diffraction before destruction: Imaging proteins with X-ray free-electron laser pulses** — •HENRY CHAPMAN

Invited talks of the joint symposium Crystallography in Materials Science (KR, DF, MA, MI)

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

KR 1.1–1.1 Mon 9:30–10:15 GER 37 **Invited Talk - Martin Fally (DF jointly with CPP, TT, KR)**

KR 2.1–2.1 Mon 14:00–14:45 HSZ 01 **Plenary Talk - Henry Chapman**

KR 3.1–3.5 Mon 15:00–17:45 HSZ 02 **Symposium Crystallography in Materials Science**

KR 4.1–4.12 Tue 9:30–12:45 BEY 118 **Multiferroics I (MA jointly with DF, DS, KR, TT)**

KR 5.1–5.13 Wed 9:30–13:00 HSZ 04 **Multiferroics II (MA jointly with DF, DS, KR, TT)**

KR 6.1–6.1 Wed 10:30–11:15 GER 37 **Invited Talk - Stefan Förster (DF jointly with O, DS, KR, MM)**

KR 7.1–7.1 Wed 15:00–15:45 GER 37 **Invited Talk - Heidemarie Schmidt (DF jointly with MA, HL, DS, KR)**

KR 8.1–8.5 Wed 17:00–19:30 P4 **Poster Crystallography**

KR 9.1–9.3 Thu 10:15–11:00 CHE 184 **Recent Developments in X-ray Diffraction**

KR 10.1–10.3 Thu 11:00–11:45 CHE 184 **Crystallography in Nanoscience (KR jointly with MI)**

KR 11.1–11.2 Thu 12:00–12:40 GER 37 **Nano- and microstructured dielectrics (DF jointly with KR)**

KR 12.1–12.5	Thu	9:30–11:00	MER 02	Functional Materials - Analysis with EBSD, X-Ray Kossel Diffraction and Related Methods (MI jointly with KR)
KR 13.1–13.8	Thu	15:00–17:30	CHE 184	Crystallography in Materials Science (KR jointly with DF, MI)
KR 14	Thu	17:45–18:30	CHE 184	Mitgliederversammlung FG Kristallographie

Annual General Meeting of the Crystallography Division

Thursday 17:45–18:30 CHE 184

The future prospects of the Crystallography Division will be discussed. All members are cordially invited.