

MA 32: Excursion: Current and Future High-Field THz User Facilities at HZDR

As part of the Focus Session “Chiral phonons and crystals coupled to magnetic order” and open to all interested potential users, we offer a tour of the high-field THz user facilities at Helmholtz-Zentrum Dresden-Rossendorf (HZDR) and an introduction to the planned Dresden Advanced Light Infrastructure (DALI). The superconducting accelerator-based THz beam lines TELBE and FELBE currently provide extreme THz and mid-infrared pulse energies at high repetition rates for international users from around the globe. In 2025, DALI was announced as one of the 9 shortlisted priority research infrastructures in Germany. It has been selected as a world-leading THz facility by the Federal Ministry for Research, Technology, and Space (BMFTR) to secure and enhance Germany’s long-term research capabilities for the next decades. The guided tour includes a bus transfer to the Rossendorf site, lab visits at the current ELBE facilities and an introduction to DALI.

As the number of participants is limited, registration is required latest by 6 March 2026, using the following link https://events.hifis.net/e/DPG-2026_HZDR-excursion. The meeting point will be provided after registration.

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Time: Wednesday 14:00–17:30

Location: HZDR

Excursion