

## Posters

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| Sergejus Balčiūnas          | Dielectric properties of $[\text{NH}_4][\text{Zn}(\text{HCOO})_3]$ metal formate framework doped with alkali metals |
| Laila Bondzio               | DSC measurements of shape memory alloys   |
| Judith Bünte                | Investigation on Magnetic Nanostructures Employing In-Situ TEM-Techniques   |
| Thomas Dahm                 | Change of carrier concentration and energy gain in a CDW phase transition   |
| Ralf Drautz                 | Atomistic modelling of phase transitions with the atomic cluster expansion  |
| Ilya Eremin                 | Collective modes in nonequilibrium dynamics of unconventional superconductors with competing orders                 |
| Jan Fischer & Daniel Hägele | Microsecond Thermo-Dynamics of $\Delta T$ and P in ferroic materials subject to oscillating fields                  |
| Sven Graus                  | Influence of external strain on the charge-density wave and superconducting phases of $\text{NbSe}_2$               |
| Markus Gruner               | Understanding nanotwinned microstructures in Ni-Mn-based Heusler alloys from first-principles                       |
| Martin Gutierrez            | Purely anharmonic charge-density wave in the 2D Dirac semimetal $\text{SnPF}$                                       |
| Rolf Heid                   | Soft phonons in CDW phase transitions from first principles   |

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Farnaz Kaboudvand	Investigating Electronic Structures of Kagome Metals
Alexander Kunzmann	Single crystal growth of $\text{Ni}_2\text{MnGa}$ , $\text{Ni}_{48}\text{Co}_5\text{Mn}_{25}\text{Ga}_{22}$ and $\text{BaBiO}_3$
Timo Kuschel	Spin-dependent electron entropy at phase transitions
Johanna Lill	Lattice contribution to entropy change at first order phase transition in Laves phase $\text{DyCo}_2$
Lotte Mertens	Chiral domains in Tantalum disulfide
Martin Mittendorff	Terahertz signatures of the martensitic phase transformation in NiTi alloys
Yousra Ounza	Transport-magnetism correlation in layered perovskite manganite ( $\text{LaCaBiMn}_2\text{O}_7$ )
Sangeetha N. S.	First-order antiferromagnetic transitions in $\text{CaMn}_2\text{P}_2$ and $\text{SrMn}_2\text{P}_2$ single crystals containing corrugated-honeycomb Mn sublattices
Lauritz Schnatmann	Investigation of solid-state interface interactions in $\text{FeSe}/\text{TiSe}_2$ multilayers as example for dichalcogenide systems
Chithra Sharma	Addressing the spin-valley flavors in moiré mini-bands of $\text{MoS}_2$
Timon Sieweke	NiTi growth by the micro pulling down method

## Posters

Šarūnas Svirskas

**Broadband dielectric spectroscopy of  
BaTiO<sub>3</sub>-based relaxor ferroelectrics**

Teslin Rose Thomas

**Elastoresistance of the antiferromagnetic  
(Ca,Sr)Co<sub>2</sub>As<sub>2</sub> system in different  
symmetry channels**

Riccardo Vocaturo

**Ab initio DFT investigation of the  
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