Poster Session, Monday, 14 October, 16:00 h (CEST)

Abdelkader Alleg	Theoretical Investigations of Electronic, Thermodynamic and Thermoelectric Properties of Filled Skutterudites ThFe 4 P 12 and CeFe 4 P 12 Using DFT Calculations
Sai Ram Goud Antharam	Thermoelectric Materials for Energy Generation and Infrared Sensors
Adriano Di Pietro	Dependence of Anomalous Nernst Coefficient on Electron Mean Free Path and Berry Curvature
Shuping Guo	Vacancy-mediated Anomalous Phononic and Electronic Transport in Defective Half-Heusler ZrNiBi
Xiaodong Guo	Onsager Reciprocal Relation between Anomalous Transverse Coefficients of an Anisotropic Antiferromagnet
Jangwoo Ha	Observation of Large Seebeck-driven Transverse Thermoelectric Generation in Bi/Sb Bulk Composites
Raymond Hartig	Thermoelectric Efficiency of Nanoscale Devices in the Nonlinear Regime
Fischer Harvel	Using Surface Interactions and Nanoconfinement to Prepare Heterostructures with Constituent Structures Not Found in Phase Diagrams: (PbSe)m(FeSe2)n, (MoSe2)m(FeSe2)n and (FeSe)m(MoSe2)n
Apoorva Joshi	Thermal Conductivity Reduction of Fe2VAl Thermoelectric Alloys Through Atomic Disorder Engineering
Abayomi Lawal	Enhanced Thermoelectric Cooling Through Improved Interfacial Bonding in 3D-Printed Materials

Poster Session, Monday, 14 October, 16:00 h (CEST)

Kwanyoung Lee	Coexistence of Kondo Effect and Weyl Semi-metallic States in Mn Doped VAl3 Compounds
Fu Li	High-throughput Design of Doped all-d-metal Heusler Compounds for Transverse Thermoelectric Applications
Romy Löhnert	TMLTEG based on substituted CaMnO(3-δ)
Kenneth McAfee	Robustness Through Simplicity: Leveraging the Transverse Seebeck Effect for Extreme Environment Heat Flux Sensing
Frantisek Mihok	Anisotropy Effect in Doped SnSe Materials Prepared by Spark Plasma Sintering
Francesco Milillo	High Thermoelectric Performance in Ag2Se Achieved Through a Sustainable Solution Synthesis
Shoya Ohsumi	Band-resolved Transport Properties and the Transverse Thermoelectric Conversion in a Semimetal WSi2
Junyoung Park	Optimizing Application-Specific Transverse Thermoelectric Properties of Binary Composites Using Topology Optimization
Nicolás Pérez Rodríguez	Interface-induced Transport Phenomena in Nanograined Thermoelectric Composites
Jose J. Plata Ramos	Modelling the Lattice Thermal Conductivity of Transverse Thermoelectric Materials: The Case of Re4Si7
Kacper Pryga	Electronic Band Structure and Thermoelectric Performance of SnBi2Te4

Poster Session, Monday, 14 October, 16:00 h (CEST)

Heiko Reith	Flexible Talbot Lithography for Fast-Response Heat Flux Sensors Using the Transverse Seebeck Effect
Jong-Soo Rhyee	Hierarchical Phonon Scattering in Nano-Ag/Micro-TiO2 Bismuth Telluride Bulk Composites and Cost-effective Module Structure
Katherine Schlaak	Characterization of the Anisotropic Nernst Effect in Antiferromagnetic YbMnSb2 and YbMnBi2
Shailja Sharma	Low-temperature Thermoelectric Properties of p-type Sb2SexTe3-x
Sanaz Shokri	Thermoelectric Transport in Atomically Thin van der Waals Cuprate Superconductors
Michael Staiger	Magnetotransport in (BixSb1-x)2Te3 Nanoparticles and the Challenges of Data Analysis
Tetiana Tavrina	Preparation and Characterization of 2D Molybdenum Dichalcogenides for Thermoelectric Applications
Tessera Alemneh Wubieneh	Engineering Tin Chalcogenides Thermo-electric Materials for Power Generation
Hyun Yu	Enhancing Transverse Thermoelectric Performance Using Topology Optimization Combined with Laser Powder Bed Fusion
Yi Zhou	Giant Pyroelectric Polarization Ripples in Transverse Thermoelectrics