



Conference on Modern Concepts and New Materials for Thermoelectricity
11 - 15 March 2019

POSTER SESSION - LIST OF POSTER PRESENTATIONS

Presenting author	Poster title
Somnath ACHARYA	Investigation of Physical Properties of Bulk Metal Chalcogenide Materials for Thermoelectric Applications
Abutrab ALIVERDIEV	Analysis of the experimental temperature-baric dependences of the thermoelectric properties of semiconductors
Abutrab ALIVERDIEV	Conductivity and thermoelectric effect in electron gas with fractal structure
Kevwe Andrew EJENAKEVWE	Investigation of the theoretical energy efficiency of solar thermoelectric generators
Christelle EKOSSO	Shannon entropy and self-organization process of microtubules
Trupti K. GAJARIA	Thermoelectric Properties of Nanowires
Anton KABASI	Automation of thermal conductivity measurement by 3-omega method using Arduino
Shakeel KHANDY	Electronic Structure, Elastic and Thermoelectric Properties of Fe ₂ TaGe alloy: An ab-initio Study
Ashish KUMAR	Defect Assisted Current Transport Mechanism in III-V Semiconductors for Thermoelectric Applications
Saeed MARDI	Improving the thermoelectric properties of P3HT with lithium salt as a dopant
Anha MASARRAT	Seebeck coefficient and the electronic structures of Fe ion Implanted CoSb ₃ Thin Films
Dmitry ORIEKHOV	Electronic states of pseudospin-1 fermions in alpha-T ₃ lattice ribbons in a magnetic field
Josipa SCURLA	High-temperature hysteresis loops in electrical resistivity of SU8 graphene composites
Shailja SHARMA	Electronic transport and magnetic studies of Fe intercalated Bi ₂ Se ₃