

Session Code	[01] WeA3
Session Title	Piezoelectric & Thermoelectric Properties
Date and Time	Wednesday, October 6, 2021 / 15:00-16:25
Session Room	Room A (Samda A)
Session Chair(s)	Jungwon Kim (KIST, Korea)

[[01] WeA3-1] Invited Talk 15:00-15:25

High-Performance Energy Generators based on Flexible and Stretchable Composite Films

Su Yeon Lee (*KRICT, Korea*)

[[01] WeA3-2] 15:25-15:40

Enhanced Output Piezoelectric Nanogenerator by Heteroepitaxy of GaN Nanowires on Metallic Cu Foil with Graphene Buffer

Sang-Wan Ryu, Muhammad Johar, and Aadil Waseem (*Chonnam Nat'l Univ., Korea*)

[[01] WeA3-3] [Online] 15:40-15:55

The Dielectric and Impedance Properties of Pb-Free $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-SrTiO}_3$ Piezoelectric Materials Modified by Fe_2O_3

Mukhtar Effendi, Nugraheni Puspita Rini, Wahyu Tri Cahyanto, and Wahyu Widanarto (*Univ. Jenderal Soedirman, Indonesia*)

[[01] WeA3-4] 15:55-16:10

Engineering the Electronic Properties of SnTe-Based Material to Enhance Its Thermoelectric Performance through Co-Doping Aliovalent Elements Bi and Sb

Samuel Kimani Kihoi, Hyunji Kim, and Ho Seong Lee (*Kyungpook Nat'l Univ., Korea*)

[[01] WeA3-5] 16:10-16:25

Effects on Microstructure and Thermoelectric Properties due to Point Defect Control of Non-Stoichiometric Cu-In-Te Compounds

Hyunji Kim, Samuel Kimani Kihoi, Yejin Woo, Sujin Lim, Jimin Youn, and Ho Seong Lee (*Kyungpook Nat'l Univ., Korea*)