

Session Code	[01] TuB1
Session Title	Energy Harvesting & Others
Date and Time	Tuesday, October 5, 2021 / 10:40-12:10
Session Room	Room B (Samda B)
Session Chair(s)	Seoung-Ki Lee (Pusan Nat'l Univ., Korea)

[[01] TuB1-1] **10:40-10:55**

Improving Performance of Triboelectric Nanogenerators based on Pyramid-Patterned Membrane by Phase-Inversion Process

Geon Ju Choi, Sang Hyun Sohn, and Il-Kyu Park (*Seoul Nat'l Univ. of Science and Tech., Korea*)

[[01] TuB1-2] **10:55-11:10**

Performance-Enhancing Triboelectric Nanogenerator Device based on PVDF Composition

Sang-Hyun Sohn, Geon-Ju Choi, and Il-Kyu Park (*Seoul Nat'l Univ. of Science and Tech., Korea*)

[[01] TuB1-3] **11:10-11:25**

Highly Efficient, Biocompatible and Three-Dimensional Solid-Phase Upconversion Host Material

Jeong-Min Park and Jae-Hyuk Kim (*Pusan Nat'l Univ., Korea*)

[[01] TuB1-4] **[Online] 11:25-11:40**

Structural and Electrical Properties of TZO Films for MOS Devices

VenkataJagadeesh Chandra Sangaraju (*Vignan's Inst. of Information Tech., India*), R. S. Dubey (*Swarnandhra College of Engineering and Tech., India*)

[[01] TuB1-5] **11:40-11:55**

SiC-Based Composites with Excellent Thermal Property Prepared by PIP (Precursor Impregnation & Pyrolysis) Process

Sea Hoon Lee, Jian Gu (*KIMS, Korea*), Lun Feng, and William Fahrenholtz (*Missouri Univ. of Sci. and Tech., USA*)

[[01] TuB1-6] **[Online] 11:55-12:10**

Enhancing Electrical Properties of Glass-Pb(Zr,Ti)O₃ Composite Film by Aerosol Deposition

Dae Yong Jeong, Samjeong Kim, Jiho Lim, and Sungyub Ji (*Inha Univ., Korea*)