

Korea-Indonesia International Workshop on Applied Physics

Date & Time Dec. 5 (Tue) 13:00~17:40

Place 2F, Udo Hall [[On & Off Hybrid Session](#)]

Organized by RINST (Research Institute for Nanoscale Science & Technology), Chungbuk National University, Korea
 University of Indonesia, Indonesia

Time (Korea Time)	Presenter	Title
Dec. 5 (Tue) 13:00 ~14:40 Session 1 Chair: Dong-Hyun Kim (Chungbuk National University, Korea)		
13:00-13:25	Je-ho Shim (Pohang University of Science and Technology / Yanbian University)	Asymmetric behavior of spin wave propagation dependent on the magnetic vortex chirality
13:25-13:50	Candra Kurniawan (Indonesian Institute of Sciences)	Micromagnetic Analysis of Domain Wall Depinning Behavior from Artificial Pinning Potential in the Ferromagnetic Nanowire
13:50-14:15	Anabil Gayen (Chungbuk National University)	Detailed Raman study of CVD grown 2D Cr ₂ S ₃
14:15-14:40	Nurfin Yudasari (National Research and Innovation Agency)	Optimizing Water Treatment Efficiency with ZnO Nanocomposites Synthesized via Single and Multi-Route Laser Ablation in Liquid
Dec. 5 (Tue) 16:00~17:40 Session 2 Chair: Dede Djuhana (University of Indonesia, Indonesia)		
16:00-16:25	Qoimatul Mustaghfiroh (Chungbuk National University)	Universality class alteration of magnetic domain wall CoFeB/Pd multilayer by thermal effect
16:25-16:50	Kirana Yuniati Putri (National Research and Innovation Agency)	Anisotropic Gold Nanoparticles: Laser-Induced Photochemical Synthesis and Potential Sensing Applications
16:50-17:15	Jungmin Park (Korea Advanced Institute of Science & Technology)	Ferromagnetic resonance of bulk Fe ₅ GeTe ₂ around the commensurate – incommensurate transition
17:15-17:40	Iwan Sugihartono (Universitas Indonesia)	The Role of Ni-Co doped on Structural, Reflectance, and Photocatalytic Properties of ZnO Thin Films