

Korea-China International Workshop on Spintronics

Date & Time Dec. 4 (Mon) 13:00~16:40

Place 8F, Ara Hall [\[Offline ONLY\]](#)

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

Time(Korea Time)	Presenter	Title
Dec. 4 (Mon) 13:00~14:40 Session 1 Chair: Dong-Hyun Kim (Chungbuk National University, Korea)		
13:00-13:25	Jiwan Kim (Kunsan National University)	Ultrafast spin dynamics governed by quasi-static strain
13:25-13:50	Zhaochu Luo (Peking University)	Electrically programmable magnetic coupling in an Ising network exploiting solid-state ionic gating
13:50-14:15	Licong Peng (Peking University)	Real-space control of magnetic skyrmions and antiskyrmions
14:15-14:40	Caihua Wan (Institute of Physics Chinese Academy of Sciences)	High performance SOT-MTJ for true random number generator applications
Dec. 4 (Mon) 15:00~16:40 Session 2 Chair: Hong-Guang Piao (Yanbian University, China)		
15:00-15:25	Kyujoon Lee (Korea University)	Bulk spin-orbit torques in van der Waals ferromagnet Fe ₃ GeTe ₂
15:25-15:50	Guoqiang Yu (Institute of Physics Chinese Academy of Sciences)	Spintronic device based on vander aals materials
15:50-16:15	Sunjae Chung (Korea National University of Education)	Dynamics of Spin Torque-Generated Magnetic Droplet Solitons
16:15-16:40	Peng Yan (University of Electronic Science and Technology of China)	Nonlinear topological magnon spin Hall effect