

International Symposium on Berry Curvature-based New Phenomena 2023 (ISBeCaP 2023) | SRC_BeCaP (CAU)

Date & Time Dec. 6 (Wed) 10:15~17:45

Place 8F, Tamna Hall [\[Offline Only\]](#)

Organized by SRC-Center for Berry Curvature-based New Phenomena, Chung-Ang University

Time (Korea Time)	Presenter	Title
Dec. 6 (Wed) 10:15~12:00, Session 1 Chair: Sangjun Jeon (Chung-Ang University, Korea)		
10:15-10:50	Su-Yang Xu (Harvard University)	Optical control of antiferromagnetic order
10:50-11:25	Hyun-Woo Lee (Pohang University of Science and Technology)	Orbitronics: Electron orbital angular momentum dynamics in solids
11:25-12:00	C. Faugera (Grenoble High-field Lab)	Magnetic van der Waals materials under extreme conditions
Dec. 6 (Wed) 14:00~15:45 Session 2 Chair: Jeil Jung (University of Seoul, Korea)		
14:00-14:35	S. Nadj-Perge (California Institute of Technology)	Imaging Intervalley Coherent States in Magic Angle Twisted Trilayer Graphene
14:35-15:10	Gil-Ho Lee (Pohang University of Science and Technology)	Topological Josephson Effect in Hinge State of WTe ₂
15:10-15:45	Joonho Jang (Seoul National University)	Exploring engineered interacting quantum systems in multilayer graphene superlattices
Dec. 6 (Wed) 16:00~17:45 Session 3 Chair: Kwang-Yong Choi (Sungkyunkwan University, Korea)		
16:00-16:35	Wei Ku (Shanghai Jiao Tong University)	Probing a quantum Bose metal state via electrons: non-fermi liquid scattering and pseudogap
16:35-17:10	Seo Hyoung Chang (Chung-Ang University)	Observation of magnetic domain and orbital using resonant x-ray scattering
17:10-17:45	Oscar Lee (University College London)	Task-adaptive physical reservoir computing using magnetic skyrmions