2026 APCTP International Scientific Symposium & Forum

Nov. 9~11 / Lily & Rose Hall (6F), Lahan Hotel and **POSCO International Center**

Talk Details (Invited Speaker & Talk Title)

DAY 1(Nov. 9) Mon : Lahan Hotel		*DAY 2(Nov. 10) Tue : Lahan Hotel*		*DAY 3(Nov. 11) Wed : PIC*	
Talk 1	**Xin Wan (Zhejiang University)** Zero-Clustering Geometry in Fractional Quantum Hall Effect	**Plenary Talk**	**Jan-Michael Rost (MPI-PKS)** Is Physics Timeless ?	**Plenary Talk**	**Ana Achucarro (Leiden University)** Observing the Big Bang
Talk 2	**Igor Di Marco (Nicolaus Copernicus University in Torun)** Exotic magnetism in (111)-oriented manganite superlattices	**Talk 8**	**Aleksei Chechkin (MPI-MSP)** Beyond Fractional Brownian Motion: Heterogeneous Diffusion, Diffusing Diffusivity, and Fluctuating Hurst Exponents	**Talk 14**	**Rong-Gen Cai (Ningbo University)** The interior dynamics and critical behavior of black holes
Talk 3	**Ki-Seok Kim (POSTECH)** Information-Geometric Mapping of Renormalization Group	**Talk 9**	**Xin Zhou (University of Chinese Academy of Sciences)** Probe critical ice nuclei via nano-sized substrates	**Talk 15**	**Worawat Meevasana (Suranaree University of Technology)** Exploration of Quantum States in 2D Materials and Application in Energy Storage
Talk 4	**Yili WANG (APCTP-YST)** What Makes a Metal Strange	**Talk 10**	**Mathias Casiulis (APCTP-JRG LEADER)** Correlated disorder: towards messy metamaterials		
Talk 5	**Alexander Jahn (APCTP-JRG LEADER)** Describing Quantum Gravity with Overlapping Qubits	**Talk 11**	**Gentaro Watanabe (Zhejiang University)** Quantum batteries: How decoherence and collectivity shape their performance		
Talk 6	**Kanghoon Lee (Korea Institute for Advanced Study)** Recursion Relations for Classical Gravity	**Talk 12**	**Arman Shafieloo (Korea Astronomy and Space Science Institute)** On Dark Energy Reconstruction and Interpretation		
Talk 7	**Gurucharan Mohanta (APCTP-JRG FELLOW)** Leptoquark-Assisted Baryogenesis	**Talk 13**	**Alberto Escriva (APCTP-JRG LEADER)** Primordial Black Holes in the early Universe		