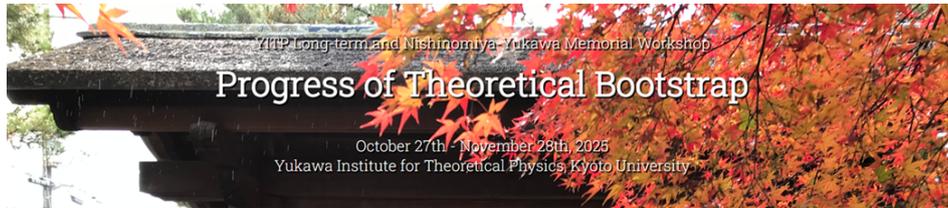


Progress of Theoretical Bootstrap



Contribution ID: 213

Type: **not specified**

Poster Session

Wednesday, November 26, 2025 4:00 PM (2 hours)

Chen-Hsuan Hsu, “Electron-electron and electron-phonon scattering-driven topological phase transitions in helical liquids”

Damien Leflot,

Facundo Rost, “The Cosmological Grassmannian”

Guangzhuo Peng, “Running EFT-hedron with null constraints at loop level”

Kamran Salehi Vaziri, “Non-perturbative cosmological bootstrap: A construction of de Sitter late-time boundary”

Mang Hei Gordon Lee, “Positivity for scalar propagators in dS”

Mehmet Asim Gumus, “A geometric view on Crossing Symmetric Dispersion Relations”

Nathan Meurrens, “Constraints on Long-Range Forces in De Sitter Space”

Simon Metayer, “Recent advances on primal S-matrix bootstrap”

Stanislav Filatov, “Geometry of Two-Qubit Entanglement on Two Bloch Spheres.”

Sumer Jaitly “Exact superposition positivity bounds”

Tomoya Inada “Perturbative unitarity bounds on field-space curvature in de Sitter spacetime”

Yongjun Xu “Scalar weak gravity bound from full unitarity”

Yu Wenqi “On the IR dependence, conformal anomaly and renormalization of de Sitter correlators”