

# An Entangled Trio: Gravity, Information and Condensed Matter

Organized by Institute for Advanced Study, Tsinghua University, Beijing, China

Dates: August 8-12, 2016

Venue: Conference Hall 104, Science Building, Tsinghua University

	Monday 8/8	Tuesday 8/9	Wednesday 8/10	Thursday 8/11	Friday 8/12
morning 10:00 – 11:00	<b>Beni Yoshida</b> “Holographic Complexity by Design”	<b>Sam McCandlish</b> “Aspects of Kinematic Space I”	<b>Michal Heller</b> “Entanglement, Holography and Causal Diamonds”	<b>Joan Simón</b> “Can LLM Enlighten ER = EPR?”	<b>Arpan Bhattacharyya</b> “Exploring the Tensor Network-AdS correspondence”
morning 11:15 – 12:15					<b>Muxin Han</b> “Introduction to Loop Quantum, Gravity”
afternoon 14:00 – 15:00	<b>Daniel Harlow</b> “Operator Algebras and Bulk Reconstruction Theorems”	<b>Lampros Lamprou</b> “Aspects of Kinematic Space II”	<b>Herman Verlinde</b> TBA	<b>Huitao Shen</b> “Out-of-Time-Order Correlation for Quantum Phase Transition and Many-Body Localization”	