



# Kyoto Workshop on Quantum Thermodynamics and Stochastic Thermodynamics 2025

## Friday, 12 December 2025

**Friday: Invited talk: Geraldine Haack, "Quantum Kinetic Uncertainty Relations in Mesoscopic Conductors at Strong Coupling" - Panasonic Auditorium, Yukawa Hall (09:30 - 10:20)**

time	[id] title	presenter
09:30	[33] Quantum Kinetic Uncertainty Relations in Mesoscopic Conductors at Strong Coupling	HAACK, Géraldine

**Friday: Long talk: Tan Van Vu, "Thermodynamics of Precision in Open Quantum Systems" - Panasonic Auditorium, Yukawa Hall (10:20 - 11:10)**

time	[id] title	presenter
10:20	[34] Thermodynamics of Precision in Open Quantum Systems	Prof. VAN VU, Tan

**Friday: Short talk: Yue Liu, "Optimally Fast Qubit Reset" - Panasonic Auditorium, Yukawa Hall (11:10 - 11:30)**

time	[id] title	presenter
11:10	[35] Optimally Fast Qubit Reset	LIU, Yue

**Friday: Invited talk: Kay Brandner, "Weak-Memory Dynamics in Discrete Time " - Panasonic Auditorium, Yukawa Hall (13:30 - 14:20)**

time	[id] title	presenter
13:30	[36] Weak-Memory Dynamics in Discrete Time	BRANDNER, Kay

**Friday: Short talk: Jihui Pei, "Promoting Fluctuation Theorems into Covariant Forms" - Panasonic Auditorium, Yukawa Hall (14:20 - 14:40)**

time	[id] title	presenter
14:20	[37] Promoting Fluctuation Theorems into Covariant Forms	PEI, Jihui

**Friday: Short talk: Guohua Xu, "Thermodynamic Geometric Constraint on the Spectrum of Markov Rate Matrices" - Panasonic Auditorium, Yukawa Hall (14:40 - 15:00)**

time	[id] title	presenter
14:40	[38] Thermodynamic Geometric Constraint on the Spectrum of Markov Rate Matrices	XU, Guohua