



# Kyoto Workshop on Quantum Thermodynamics and Stochastic Thermodynamics 2025

## Thursday, 11 December 2025

**Thursday: Invited talk: Eric Lutz, "Combining energy efficiency and quantum advantage in cyclic machines" - Panasonic Auditorium, Yukawa Hall (09:30 - 10:20)**

time	[id]	title	presenter
09:30	[28]	Combining energy efficiency and quantum advantage in cyclic machines	LUTZ, Eric

**Thursday: Long talk: Andreas Dechant, "Thermodynamics and embedding of generalized Langevin equations" - Panasonic Auditorium, Yukawa Hall (10:20 - 11:10)**

time	[id]	title	presenter
10:20	[29]	Thermodynamics and embedding of generalized Langevin equations	DECHANT, Andreas

**Thursday: Short talk: Ryuna Nagayama, "Duality between dissipation-coherence trade-off and thermodynamic speed limit for noisy oscillations" - Panasonic Auditorium, Yukawa Hall (11:10 - 11:30)**

time	[id]	title	presenter
11:10	[30]	Duality between dissipation-coherence trade-off and thermodynamic speed limit for noisy oscillations	NAGAYAMA, Ryuna

**Thursday: Invited talk: Shingo Kono, "Scalable superconducting circuit optomechanics with millisecond quantum coherence" - Panasonic Auditorium, Yukawa Hall (13:30 - 14:20)**

time	[id]	title	presenter
13:30	[31]	Scalable superconducting circuit optomechanics with millisecond quantum coherence	KONO, Shingo

**Thursday: Long talk: Kiyoshi Kanazawa, "Stochastic thermodynamics for classical non-Markov jump processes based on the Fourier embedding" - Panasonic Auditorium, Yukawa Hall (14:20 - 15:10)**

time	[id]	title	presenter
14:20	[32]	Stochastic thermodynamics for classical non-Markov jump processes based on the Fourier embedding	KANAZAWA, Kiyoshi

**Thursday: Poster session B - Rooms Y206 and Y306 (15:40 - 17:00)**