

Frontiers of Quantum and Mesoscopic Thermodynamics

25 - 30 July 2011, Prague, Czech Republic

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View of Prague - Karel Postl (1769-1818)

List of topics

Foundations of quantum physics
Non-equilibrium quantum statistical physics
Quantum thermodynamics
Quantum measurement, entanglement and coherence
Dissipation, dephasing, noise and decoherence
Quantum optics
Macroscopic quantum behavior
Physics of quantum computing and quantum information
Mesoscopic, nano-electromechanical and nano-optical systems
Spin systems and their dynamics
Biological systems, molecular motors
Cosmology, gravitation and astrophysics

Glassy, Amorphous and Nano-Crystalline Materials
Thermal Physics, Analysis, Structure and Properties

Šesták, J.; Mareš, J.J.; Hubík, P. (Eds.)

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