

Frontiers of Quantum and Mesoscopic Thermodynamics

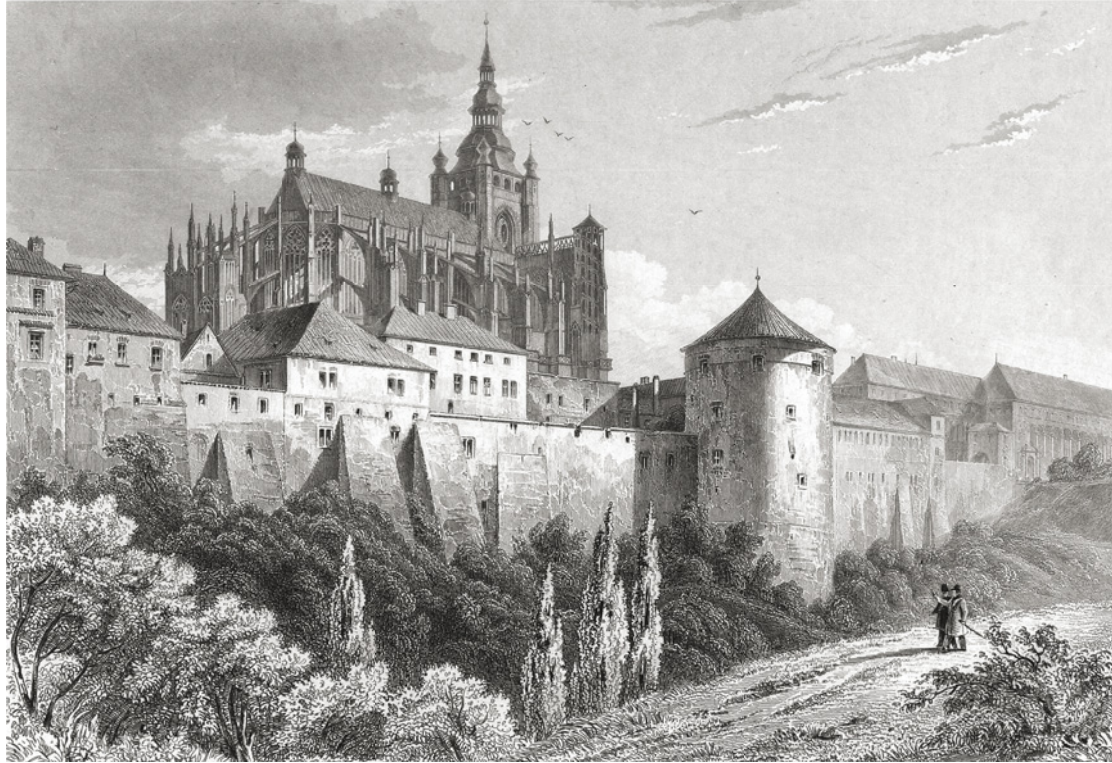
25 - 30 July 2011, Prague, Czech Republic

<http://conferences.fzu.cz/fqmt/11/>

Public Evening Lecturers

Claude Cohen-Tannoudji (Paris)

Martin Rees (Cambridge)



View of Prague Castle (ca 1830)

Drawn by L. Lange, engraved by J. Poppel

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 information
Mesoscopic systems
Spin systems and their dynamics
Biological systems, molecular motors
Cosmology, gravitation and astrophysics

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