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## Modeling the temporal and dynamical behavior of multi-phase accretion flows

*Tuesday, 17 February 2026 09:30 (45 minutes)*

**Content:** the lecture will discuss timescales that are an outcome of multi-phase modelling of an inner accretion flow. In the model we consider the division of a total accretion energy is dissipated partially in an accretion disk, a warm corona responsible for soft X-ray excess and a hot corona where most hard X-ray radiation is emitted in radio quiet AGN. It will overview those timescales and put predictions on the multi-wavelength observations of AGN variability.

**Presenter:** Prof. ROZANSKA, A.