

Wednesday, July 23, 2025 

14:00 h 

RUN Auditorium 



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***Shedding light on ultrafast quantum dynamics
with attosecond spectroscopy***

The physics and chemistry of matter is determined by the interaction of electrons and nuclei on ultrafast timescales down to the attosecond (10^{-18} s) regime.

In this seminar, I will highlight how attosecond photon spectroscopy grants us a detailed look into the intricate quantum dynamics within atoms and molecules. Beyond precision metrology, shortest laser pulses allow us to precisely manipulate the quantum interactions of electrons and nuclei.