

# ACCELERATOR SEMINAR

**Oldřich Novotný**

MPI für Kernphysik

**Wednesday, 23. November 2022 at 4 pm**

**Seminarraum Theorie (SB3 3.170a)**

Participation is also possible via Zoom: ID: 680 1600 0554/ PW: 004568

## **Ultra-low energy electron cooling at the Cryogenic Storage Ring**

The Cryogenic Storage Ring (CSR) in Heidelberg provides a low radiation field to study ultraslow processes in atomic, molecular, and cluster ions. It is the only electrostatic storage ring incorporating an electron cooler. In the talk, various challenges related to the operation of the electron cooler at ultralow energies down to 1 eV will be discussed



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Secretary: Larissa Birli

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