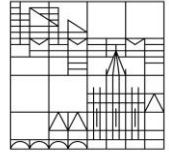


Physikalisches Kolloquium

Universität
Konstanz



Di. 31.10.2023

15:15 Uhr

P 603

im Anschluss Getränke und Snacks



Prof. Raffi Budakian

University of Waterloo. Department of Physics and
Astronomy. Institute for Quantum Computing

Novel Approaches in NanoMRI for Probing Atomic-Scale Material Structure.

Prior to the development of MRI, NMR diffraction (NMRd) was proposed as a method to investigate the structure of crystalline materials. When realized on the atomic scale, NMRd would be a powerful tool for studying materials structure, combining the spectroscopic capabilities of NMR with spatial encoding at condensed matter's fundamental length-scale. In this talk, I will present a nanoMRI platform for achieving angstrom-scale NMRd measurements.

Host:

Prof. Zilberberg

Organisator:

Prof. Bechinger