

**Session Program**

11–15 Apr 2016

**International Workshop: Probing Fundamental Symmetries  
and Interactions with UCN**

***Quantum bouncing, mirror matter, exotic couplings II***

JGU Mainz, Germany - Waldthausen Castle  
Im Wald 1, 55257 Budenheim

# Wednesday 13 April

10:40

## Quantum bouncing, mirror matter, exotic couplings II

Session | Location: JGU Mainz, Germany - Waldthausen Castle, Im Wald 1, 55257 Budenheim

### 10:40-11:05 Neutron-mirror neutron regeneration experiment

Speaker

Zurab Berezhiani

11:05-11:30

### Experiment on search for neutron-antineutron oscillations using a projected UCN source at the WWR-M reactor

Speaker

Alexey Fomin

11:30-11:55 Tests of the weak equivalence principle with UCNs

Speaker

Alexander Frank

11:55-12:20 The neutron charge experiment in Mainz

Speaker

Christian Siemens

12:20-12:40

### Diffraction of UCN by a moving grating and TOF Fourier spectrometry as the basis for gravity experiments

Speaker

German Kulin

12:40