

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