

**Session Program**

11–15 Apr 2016

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

***n-lifetime/systematics***

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

# Tuesday 12 April

16:35

## n-lifetime/systematics

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

16:35–17:00

### Neutron conversion and cascaded cooling in paramagnetic systems for a high-flux source of VCN

Speaker

Oliver Zimmer

17:00–17:25

### The experimental density of states and UCN loss coefficients of fluoropolymers at low temperatures

Speaker

Yuri Pokotilovski

17:25–17:45

### Investigation of perfluorinated methylene oxide oligomers (PFMO) for UCN storage

Speaker

Christian Duesing

17:45–18:10

### Advanced UCN hardware for future experiments with ultracold neutrons

Speaker

Thorsten Lauer

18:10–18:35

### Development of high position resolution neutron detector using fine-grained nuclear emulsion

Speaker

Naotaka Naganawa

18:35