

Session Program

14-18 May 2018



PSAS'2018 - International Conference on Precision Physics of Simple Atomic Systems

Casimir & Cosmology

Thursday 17 May

16:05

Casimir & Cosmology: Th4

Session | **Location:** University of Vienna, Sky Lounge, Oskar Morgenstern Platz 1, 1090 Vienna, Austria | **Convener:** Michael Eides

16:05–16:30 **CANNEX - A parallel plate approach to physics**

Speaker
Rene Sedmik

16:30–16:50
Effects of spacetime topology and curvature on the resonance interatomic energy

Speaker
Prof. Hongwei Yu

16:50–17:15
First search for invisible decays of ortho-positronium confined in a vacuum cavity

Speaker
Carlos Vigo Hernandez

17:15–17:35 **New Atomic Probes for Dark Matter and Neutrino-Mediated Forces**

Speaker
Yevgeny Stadnik

17:35–17:50 **Quantum metrology - in search of dark matter**

Speakers
Prof. Manas Mukherjee, Dr Tarun Dutta

17:50