

Session Program

14-18 May 2018



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

Helium, 3-Body-Systems

Thursday 17 May

14:00

Helium, 3-Body-Systems: Th3

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

Convener: Vladimir Korobov

14:00–14:25

Testing QED with precision spectroscopy of the helium atom

Speaker

Dr Yu Sun

14:25–14:45

Sub-kHz measurement of the $2\ 3S - 2\ 1S$ transition frequency in 4He

Speaker

Dr Wim Vassen

14:45–15:10

The 413 nm tune-out wavelength for $2\ ^3S_1$ state of helium as test of QED

Speaker

Li-Yan Tang

15:10–15:35

The construction of the low energy Li^+ source and the preliminary spectroscopy for the $1s2s\ 3S - 1s2p\ 3P$ transitions

Speaker

Kelin Gao

15:35