

Session Program

22-26 May 2023



International Conference on Precision Physics and Fundamental Physical Constants FFK2023

Wednesday 1

Wednesday 24 May

09:00

Wednesday 1: Helium ion

Session | **Location:** Kleiner Festsaal Universität Wien Universitätsring 1 1010 Wien | **Convener:** Prof. Thomas Udem

09:00–09:45

First Observation of the He+ 1S-2S Transition in an Atomic Beam

Speaker

Prof. Kjeld Eikema

09:45–10:10

Towards High-Precision Spectroscopy of the 1S-2S Transition in He+

Speaker

Dr Akira Ozawa

10:10–10:35

High-precision hyperfine structure measurements on hydrogen-like 3He and 9Be

Speaker

Stefan Dickopf

10:35–10:47

Theory of the magnetic moments and hyperfine splitting of $^3\text{He}^{++}$

Speaker

Bastian Sikora

10:47