

Session Program

9-14 Jun 2019



International Conference on Precision Physics and Fundamental Physical Constants (FFK-2019)

Session 4: QED tests on atoms and molecules

Balaton Limnological Research Institute of the Hungarian Academy of Sciences
H-8237 Tihany, Klebelsberg Kuno str. 3, Hungary

Tuesday 11 June

09:00

Session 4: QED tests on atoms and molecules

Session |

Location: Balaton Limnological Research Institute of the Hungarian Academy of Sciences , H-8237 Tihany,
Károlyi Mihály utca 1, Hungary

09:00-09:30 **Testing fundamental interactions with the helium atom**

Speaker

Krzysztof Pachucki

09:30-10:00 **Testing QED with precision spectroscopy of the helium atom**

Speaker

Yu Sun

10:00-10:30 **Quantum Electrodynamics of the hydrogen molecule**

Speaker

Mariusz Puchalski

10:30-11:00 **Coffee break**

11:00-11:30

Hyperfine cross-over resonances producing Lamb-dips and Lamb-peaks in the saturation spectrum of HD

Speaker

Meissa Diouf

11:30-12:00 **Energy levels of deuterium molecule**

Speaker

Jacek Komasa

12:00-12:30 **Determination of the dissociation energy of para-H₂**

Speaker

J. Hussels

12:30-12:35 **Conference photo**

12:35