

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,
 Kleveberg Konferenztársaság, 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