



# International Conference on Precision Physics and Fundamental Physical Constants FFK2023

## Monday, May 22, 2023

### Poster Session 1: Poster Session 1 (5:30 PM - 8:00 PM)

[id] title	presenter	board
[111] Study of Annihilations with Slow Extracted Antiprotons	KRAXBERGER, Viktoria	
[91] A positron trap for observing molecules containing positronium	WEISER, Alina	
[105] Future BSM studies using UPCs with ALICE at the LHC	LAVICKA, Roman	
[71] Ground state preparation for HD <sup>+</sup> rovibration transition measurement	ZHANG, QianYu	
[69] Testing Lorentz symmetry using Deuterium	NANDA, Amit	
[66] Search for the electric dipole moment of the electron using BaF molecules	UBACHS, Wim	
[50] Pre-Born–Oppenheimer Dirac–Coulomb–Breit computations for two-fermion systems	FERENC, David	
[49] Variational Dirac--Coulomb approach with explicitly correlated basis functions	JESZENSZKI, Péter	
[21] Rovibrational and Hyperfine Structure of the Molecular Hydrogen Ion from Spectroscopy of Rydberg-Stark Manifolds	Ms DORAN, Ioana	
[34] Ramsey-Comb Spectroscopy of the Q0 and Q1 Transitions in Molecular Hydrogen and Deuterium	MARTINEZ DE VELASCO, Andres	
[39] Report on Cryogenic Micro-Calorimeter Detectors in High-Precision X-Ray Spectroscopy Experiments at GSI/FAIR	Mr HERDRICH, Marc Oliver	
[63] Two-loop self-energy corrections to the bound-electron g-factor: Status of M-term calculations	SIKORA, Bastian	
[87] Precision spectroscopy of the 2S-6P transition in atomic hydrogen and deuterium	WIRTHL, Vitaly	
[26] Determination of the adiabatic and nonadiabatic corrections for HeH <sup>+</sup> in Kolos-Wolniewicz basis	BOGUSZYŃSKA, Wiktoria	
[30] Development for the precise microwave spectroscopy of muonium with a high magnetic field	TADA, Hiroki	
[38] Towards Precision Tests of Bound-state QED in U <sup>90+</sup> Using Novel Metallic Magnetic Calorimeter Detectors	PFÄFFLEIN, Philip	
[44] Towards Ramsey-Comb Spectroscopy of the 1S-2S Transition in He <sup>+</sup>	Mr GRUNDEMAN, Elmer	