

3rd Jagiellonian Symposium on Fundamental and Applied Subatomic Physics

Wednesday 26 June 2019

Wednesday: Fundamental physics: Discrete symmetries (08:30-12:50)

-Conveners: Beatrix Hiesmayr; Bernd Krusche

time	[id] title	presenter
08:30	[161] Illuminating Antimatter: the ALPHA antihydrogen experiment at CERN	HANGST, Jeffrey
09:05	[23] Electric Dipole Moments – static (EDM) and oscillating (oEDM)	STRÖHER, Hans
09:30	[76] Bounds on Planck-scale deformation of CPT from lifetimes and interference	WIŚLICKI, Wojciech
09:55	[73] CP symmetry test with neutrinos	MINAMINO, Akihiro
10:20	[120] Searches for discrete symmetry violation signals in decays of positronium atoms at J-PET	GAJOS, Aleksander
10:40	Coffee break	
11:10	[93] The start of the Belle II experiment at the SuperKEKB e+e- factory	GOLOB, Bostjan
11:35	[30] Design of a Novel Compact Detector based on the BGO and SiPM for Ortho-Positronium Physics	PARK, HyeoungWoo
11:50	[111] Leggett-Garg inequalities and neutrino oscillations	SCHULTZE, Christiane
12:05	[153] Precision tests for T-symmetry violation in Positronium decay using the J-PET detector	RAJ, Juhi
12:20	[16] Measurement of time-dependent CP violation in $B^0 \rightarrow J/\psi K^0_S$ decays using early Belle II data	OBERHOF, Benjamin
12:35	[17] Measurement of the CKM angle γ at Belle II	PK, Resmi

Wednesday: Bio- and medical physics (14:30-18:20)

-Conveners: Antoni Ruciński; Vincenzo Patera

time	[id] title	presenter
14:30	[141] Polarized beams for applications in chemistry and biology, and soon medicine	KOWALSKA, Magdalena
15:05	[140] Spheroids as a model for tumor radiosensitivity and radiolabeling tests	STEPIEN, Ewa
15:30	[36] Biological dose calculations with variable RBE for proton therapy using Monte Carlo code FRED	GAJEWSKI, Jan
15:50	[42] Radiation doses for patients during a dual-energy contrast-enhanced spectral mammography	KISIELEWICZ, Kamil
16:10	Coffee break	
16:40	[64] Challenges in the Boron Neutron Capture Therapy	SILARSKI, Michał
17:00	[162] Neutron Capture Enhanced Particle Therapy (NCEPT): A new frontier in cancer treatment	SAFAVI-NAEINI, Mitra
17:25	[94] The proton Boron Capture Therapy activity and the NEPTUNE project	CIRRONE, Pablo

17:50	[142] Radiotherapy, Radio-Diagnostics and Radiation Protection – How do They Differ?	WALIGÓRSKI, Michael P.R.
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