

1st CERN Baltic Conference (CBC 2021)

Tuesday, 29 June 2021

High Energy Physics & Atomic Physics: Theory (11:45 - 12:30)

-Conveners: Karlis Dreimanis

time	[id] title	presenter
11:45	[33] An algebraic approach for the six nucleon systems	Dr STEPŠYS, Augustinas
12:00	[20] Pseudo-Goldstone dark matter: gravitational waves and direct-detection blind spots	BENINCASA, Nico
12:15	[11] Quintessence in a Trap	KARCIAUSKAS, Mindaugas

High Energy Physics & Atomic Physics: Theory (14:00 - 15:15)

-Conveners: Marcis Auzins

time	[id] title	presenter
14:00	[28] Fakeons and particle phenomenology	PIVA, Marco
14:15	[26] A fakeon doublet solution to the muon $g-2$	MELIS, Aurora
14:30	[18] Connection between tadpole renormalization and gauge dependences	DŪDĒNAS, Vytautas
14:45	[3] A review of elemental mass origin and fundamental forces unification	Mr HUSSAIN, Abrar
15:00	[39] Higher spin particles: dark matter and high energy colliders	KOIVUNEN, Niko

High Energy Physics & Atomic Physics: Theory (15:30 - 16:45)

-Conveners: Marcis Auzins

time	[id] title	presenter
15:30	[53] On the On-Shell Renormalization of Fermion Masses, Fields, and Mixing Matrices at 1-loop	Mr DRAUKŠAS, Simonas
15:45	[29] The origin of quark flavour observables and the stability of the electroweak vacuum in the context of radiative Yukawa couplings	MŪRSEPP, Kristjan
16:00	[19] Untangling the spin of a dark boson in Z decays	Dr GABRIELLI, Emidio
16:15	[16] The $Z b \bar{b}$ couplings in models with extended Higgs sectors	JURCIUKONIS, Darius
16:30	[13] High density QCD matter in hadron collisions	Dr MAZELIAUSKAS, Aleksas