



# 52nd International Symposium on Multiparticle Dynamics (ISMD 2023)

## Tuesday, 22 August 2023

### Physics of X17 and other beyond standard model states: A (16:00 - 17:30)

-Conveners: Mauro Raggi

time	[id] title	presenter
16:00	[92] An Update on the Hypothetical X17 Particle	Prof. KRASZNAHORKAY, Attila Janos
16:15	[93] Confirmation the 8Be anomaly with a different spectrometer.	Dr TRAN, The Anh
16:30	[94] The X17 search with the MEG-II apparatus	Dr BENMANSOUR, Hicham
16:45	[95] Observation of structures at $\sqrt{s} \approx 17$ and $\sqrt{s} \approx 38$ MeV/c <sup>2</sup> in the $\gamma\gamma$ invariant mass spectra in pC, dC, and dCu collisions	Dr ABRAAMYAN, Khachik
17:00	[109] QED meson description of the anomalous particles and the X17 particle	Prof. WONG, Cheuk-Yin
17:15	[96] BSM physics using photon-photon fusion processes in UPC in Pb+Pb collisions with ATLAS	Dr MAJ, Klaudia

# Friday, 25 August 2023

## Physics of X17 and other beyond standard model states: B (14:00 - 15:30)

-Conveners: Attila Krasznahorkay

time	[id] title	presenter
14:00	[105] Collider Searches for X17 and Other Light Gauge Bosons	Prof. FENG, Jonathan Lee
14:15	[106] Search for the resonant X17 boson production in PADME Run III	RAGGI, Mauro RAGGI, Mauro Prof. RAGGI, Mauro
14:30	[107] Searching for the X17 boson with magnetic selection	Prof. KIBEDI, Tibor
14:45	[108] Searches for new physics in the Higgs sector at ATLAS	Dr KACZMARSKA, Anna
15:00	[97] The construction of the X17 spectrometer at CTU in Prague	Dr NATAL DA LUZ, Hugo
15:15	[110] Proposal for an electromagnetic mass formula for the X17 particle	Prof. VARRO, Sandor