

Session Program

26-30 Nov 2018



DISCRETE 2018

Emergence of symmetries from entanglement

Tuesday 27 November

13:30

Emergence of symmetries from entanglement

Session | **Location:** Festsaal, Austrian Academy of Sciences, Dr.-Ignaz-Seipel-Platz 2, 1010 Vienna, AUSTRIA | **Convener:** Beatrix Hiesmayr

13:30-13:55

Time reversal symmetry in the decay of ortho-Positronium atoms using the direction of polarization of the annihilation photons with the J-PET detector

Speaker

Ms Juhi Raj

13:55-14:20

Emergent Entanglement in the 2-Gamma and 3-Gamma Decay of Positronium

Speaker

Dr Beatrix C. Hiesmayr

14:20-14:45

Physics at the CERN kaon factory: recent results and prospects for the future

Speaker

Fabio Ambrosino

14:45-15:10

KLEVER: An experiment to measure $BR(KL \rightarrow \pi^0 \nu \bar{\nu})$ at the CERN SPS

Speaker

Maarten Van Dijk

15:10-15:35

Measurement of the charge asymmetry for the $KS \rightarrow \pi e \nu$ decay and test of CPT symmetry with the KLOE detector

Speaker

Antonio Di Domenico

15:35

16:00

Emergence of symmetries from entanglement

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16:00-16:25

Test of discrete symmetries in transitions with entangled neutral kaons at KLOE-2

Speaker

Antonio De Santis

16:25-16:50

Study of eta-meson decays at KLOE/KLOE-2

Speaker

xiaolin kang

16:50