

Session Program

Nov 7 - 11, 2022

DISCRETE 2022

High-intensity frontier

Kongresshaus Baden-Baden
Augustaplatz 10, Baden-Baden, Germany Q65R+43 Baden-Baden

Wed, November 9

2:00 PM

High-intensity frontier

Session | **Location:** Kongresssaal 2 | **Convener:** Chair: Ann-Kathrin Perrevoort

14:00 – 14:15 **CP symmetry test at J-PET**

Speaker

Eryk Czerwiński

14:15 – 14:30 **Improved test of CPT invariance in ortho-positronium decays at J-PET**

Speaker

Neha Chug

14:30 – 14:45

First direct tests of T and CPT symmetries in transitions of neutral kaons from KLOE-2

Speaker

Dr Michał Siłarski

14:45 – 15:00

Entangled neutral kaons as a tool for precision tests of CPT symmetry and Quantum Mechanics from KLOE-2

Speaker

Prof. Wojciech Wiślicki

15:00 – 15:15 **The P2 Experiment**

Speaker

Lars Steffen Weinstock

15:15 – 15:30 **Status of the MUonE experiment**

Speaker

Ms Eugenia Spedicato

3:30 PM

4:00 PM

High-intensity frontier

Session | **Location:** Kongresssaal 2 | **Convener:** Chair: Marco Fedele

16:00 – 16:15

Implications of the $(g-2)_\mu$ anomaly on the flavor structure of New Physics

Speaker

Felix Wilsch

Location

Kongresssaal 2

16:15 – 16:30 **Precision measurements with Kaons at CERN**

Speaker

Letizia Peruzzo

Location

Kongresssaal 2

5:00 PM

16:30 - 16:45

Physics beyond the SM with the NA62 experiment at CERN

Speaker

Letizia Peruzzo

Location

Kongresssaal 2

16:45 - 17:00

The NA64-e experiment at CERN

Speaker

Pietro Bisio

Location

Kongresssaal 2