

Session Program

27-29 Jul 2021

**Nuclear and Atomic Transitions as Laboratories for High
Precision Tests of Quantum Gravity inspired Models**

Deformation of the Lorentz symmetry and PEP violations

ECT* - Trento, Online
Zoom Platform

Tuesday 27 July

15:00

Deformation of the Lorentz symmetry and PEP violations

Session | Location: ECT* - Trento, Online, Zoom Platform

15:00–15:05 **Welcome by organizers**

15:10–15:45 **PEP and the fate of relativistic symmetries in quantum gravity**

Speaker

Giovanni Amelino-Camelia

15:45–16:05 **Atomic transition test of PEP as a constraint to the non-commutativity emergence scal**

Speaker

Kristian Piscicchia

16:05–16:25 **PEP violations in quantum gravity**

Speaker

Andrea Addazzi

17:00