

Hybrid workshop

Nuclear and Atomic transitions as laboratories for high precision tests of Quantum Gravity inspired models

Trento, September 19-23, 2022

Main topics

- Quantum Gravity inspired models and Space Time Non-Commutativity
 - CPT and Discrete Symmetries
- High Sensitivity Atomic and Nuclear Tests of Spin-Statistics
 - Underground Experiments
 - Theoretical Nuclear Physics and Astrophysics
 - Atomic Physics and Cascade calculations

Organizers

Antonino **Marciano** (Fudan University, China & LNF-INFN), Kristian **Piscicchia** (Centro Studi e Ricerche Enrico Fermi, Italy), Catalina **Curceanu** (LNF-INFN, Italy), Alexander **Stephon** (Brown University, USA), Elisabetta **Barberio** (Melbourne University, Australia)

Key speakers

Andrea **Addazi**, Sichuan Univ. Chengdu, Giovanni **Amelino-Camelia**, Federico II, Napoli, Rita **Bernabei**, INFN Tor Vergata Univ., Roma, Jose **Bernabeu**, The Instituto de Física Corpuscular, Francesca **Di Lodovico**, Queen Mary University, Sergio **Di Matteo**, Univ. Rennes, Alessandro **Drago**, Univ. Ferrara, Gerry **Gabrielse**, Northwestern University, Ralf **Lehnert**, Indiana University, Stefano **Liberati**, SISSA, Trieste, Nicolas **Yunes**, Montana State University, Johann **Marton**, SMI- Vienna, Francesco **Nuti**, Melbourne University, Marco **Pallavicini**, INFN, Angels **Ramos**, Univ. Barcelona, Hirohiko **Shimizu**, Nagoya University, Martino **Trassinelli**, CNRS France, Yifang **Wang**, IHEP, Pechino, Johann **Zmeskal**, SMI, Vienna

Director of the ECT*: Professor Gert Aarts

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