

October 11–14, 2010
Paul Scherrer Institut, Switzerland

2nd International Workshop on the Physics of fundamental Symmetries and Interactions at low energies and the precision frontier.

Topics:

- Low energy precision tests of the Standard Model
- Searches for symmetry violations – e.g. T, CP, CPT, Lorentz, Lepton flavor, Baryon number
- Searches for new forces – e.g. spin dependent interactions, modifications of gravity or weak interaction
- Precision measurements of fundamental constants
- Fundamental physics with cold and ultracold neutrons
- Advanced ultracold neutron sources
- Searches for permanent electric dipole moments
- Precision experiments with pions and muons
- Advanced muon sources
- Exotic atoms and molecules
- Precision magnetometry
- Advanced detector technologies

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