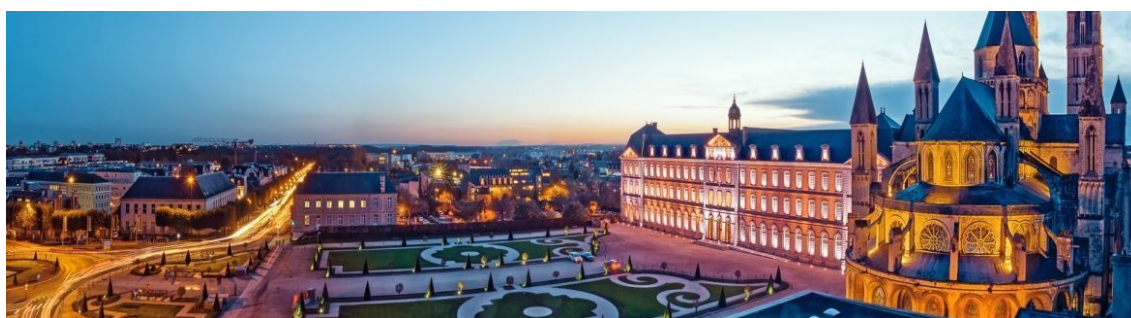


Session Program

21–26 Sept 2025



European Nuclear Physics Conference 2025

Fundamental Symmetries and Interactions

Moho
16 bis Quai Hamelin 14000 CAEN

Monday 22 September

14:00

Fundamental Symmetries and Interactions

Session | Location: Moho, 16 bis Quai Hamelin 14000 CAEN | Convener: Pierre DELAHAYE

14:00–14:25 Search for a neutron dark decay in ^6He

Speaker

Hervé Savajols

14:25–14:45 Next measurement of the neutron electric dipole moment: n2EDM at PSI

Speaker

Efrain Patrick Segarra

14:45–15:05 First ultracold neutrons for TUCAN

Speaker

Alexis Brossard

15:05–15:25 Measuring the electric dipole moment the muon at PSI

Speaker

Mr Pranas Juknevičius

15:25–15:45 Polarization of trapped ions in MORA at IGISOL

Speaker

Luis Miguel Motilla Martinez

15:45–16:05

Precision Test of CPT Symmetry via Ground State Hyperfine Spectroscopy in Antihydrogen at ALPHA

Speaker

Mr ADRIANO DEL VINCIO

16:05–16:25 First measurement of a charge-exchange reaction cross-section for antihydrogen

Speaker

Sarah GEFFROY

16:25

Tuesday 23 September

17:00

Fundamental Symmetries and Interactions: 2

Session | Location: Moho, 16 bis Quai Hamelin 14000 CAEN

17:00–17:20 Latest results from the CUORE experiment

Speaker

Dr Irene Nutini

17:20–17:40 The LEGEND Program to Search for Neutrinoless Double Beta Decay

Speaker

Alexander Leder

17:40–18:00

Ultra-low Q_{β} value for the allowed decay of $^{110}\text{Ag}^m$ confirmed via mass measurements

Speaker

Jouni Ruotsalainen

18:00–18:20 Emerging quantum sensing technology for new physics searches

Speaker

Leendert HAYEN

18:20–18:40

Precision measurements in superallowed $0^+ \rightarrow 0^+ \beta$ decays at GANIL and upcoming opportunities

Speaker

Dr Bernadette Rebeiro

18:40–19:00 Nuclear radii and V_{ud}

Speaker

Dr Mikhail Gorshteyn

19:00–19:20

Reviving muonic atom spectroscopy to extract absolute nuclear charge radii in rare and radioactive targets

Speaker

Stergiani Marina Vogiatzi

19:20–19:40 Testing fundamental symmetries in hyperon decays with BESIII

Speaker

Prof. Karin Schoenning

19:40