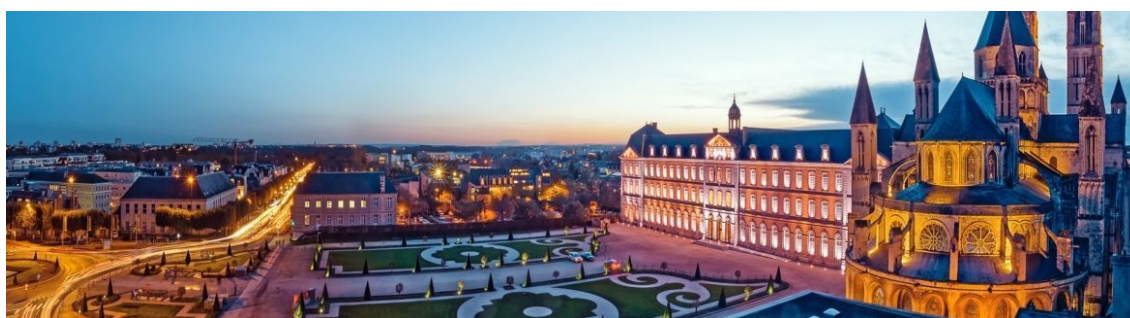


Session Program

21–26 Sept 2025



European Nuclear Physics Conference 2025

Accelerators and Instrumentation

Moho
16 bis Quai Hamelin 14000 CAEN

Monday 22 September

14:00

Accelerators and Instrumentation: 1

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

14:00–14:25 Exclusive physics at the EIC

Speaker

Charlotte Van Hulse

14:25–14:50 Lepton Facilities in Europe - Status and Perspectives

Speaker

Achim Denig

14:50–15:15 ePIC's physics and detector overview

Speaker

Francesco Bossu

15:15–15:35

New developments in the analysis of the hypernuclear experiment WASA-FRS with machine learning

Speaker

DAVID CALONGE GONZALEZ

15:35–15:55

The dRICH at ePIC: first SiPM based cherenkov detector for frontier QCD studies at the EIC

Speaker

Simone Vallarino

15:55–16:15

First performances of EICROC ASIC to read-out pixelated AC-LGAD sensors for the Electron-Ion Collider (EIC)

Speaker

Arzoo SHARMA

16:30

17:00

Accelerators and Instrumentation: 2

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

17:00–17:20 ALICE upgrades for LHC Run 4 and beyond

Speaker

Domenico Colella

17:20–17:40 ITS3 in ALICE: pioneering bendable wafer-scale sensors for LHC Run 4

Speaker

Paola La Rocca

17:40–18:00

A new large-area Micromegas detector and its readout electronics for AMBER experiment at CERN

Speaker

Dr Chiara Alice

18:00–18:20 The Silicon Tracking System (STS) of the CBM experiment at FAIR

Speaker
Irakli Keshelashvili

18:20–18:40 **Applications of monolithic CMOS pixel sensor to medical physics**

Speaker
Domenico Colella

18:40–19:00

New timing Multi-Strip Multi-Gap Resistive Plate Chamber architecture with aging suppression for high counting rate experiments

Speaker
Mariana Petris

19:30

Tuesday 23 September

14:00

Accelerators and Instrumentation: 3

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

14:00–14:25 **PARIS gamma calorimeter: idea, status and perspectives**

Speaker

Michał Ciemąła

14:25–14:50 **Gamma-Neutron discrimination**

Speaker

Franco Ersilio Camera

14:50–15:10 **Characterization of liquid scintillator detectors for fast neutron detection up to 40 MeV**

Speaker

Dr Alberto Pérez de Rada Fiol

15:10–15:30 **Low-energy neutron cross-talk between organic scintillator detectors**

Speaker

Franck DELAUNAY

15:30–15:50

PISTA, a new detection system for transfer-induced fission in inverse kinematics at VAMOS

Speaker

Lucas Bégué--Guillou

15:50–16:10 **The neutron Time-Of-Flight facility, n_TOF at CERN: Status and perspectives**

Speaker

Alice Manna

16:10–16:30 **The deep underground "Bellotti Ion Beam Facility" at the Gran Sasso National Laboratories**

Speaker

Matthias Bernhard Junker

16:30

17:00

Accelerators and Instrumentation: 4

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

17:00–17:25 **The ISOLDE Decay Station: current status and perspectives**

Speaker

James Cubiss

17:25–17:45 **The ALTO research platform of IJCLab**

Speaker

Dr Enrique Minaya Ramirez

17:45–18:05 **Facile production of atomic and molecular actinide ions**

Speaker

Jonas Stricker

18:05–18:25 **SIRIUS (Spectroscopy and Identification of Rare Isotopes Using S3) at GANIL**

Speaker
Armand BAHINI

18:25–18:45 Results in the characterization of SiC-based devices for radioactive ion beams detection

Speaker
Nunzia Simona Martorana

18:45–19:05 Study of superheavy nuclei with S3

Speaker
Julien PIOT

19:35

Thursday 25 September

14:20

Accelerators and Instrumentation: 5

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

14:20–14:40 **CRYRING@ESR Facility for Low-Energy Ion Beams**

Speaker

Zoran Andelkovic

14:40–15:00 **STRASSE: a new silicon tracker for quasi-free scattering measurements at RIBF**

Speaker

Freddy FLAVIGNY

15:00–15:20 **The new PID equipment of the Super-FRS**

Speaker

Chiara Nociforo

15:20–15:40

Achievements on Targets and Target Station for the study of heavy and super heavy nuclei with the Super-Separator-Spectrometer, S3 at GANIL

Speaker

Christelle STODEL

15:40–16:00 **Recent advances of the S3-Low Energy Branch**

Speaker

Sarina Geldhof

16:00–16:20 **Implementation of Laser Resonance Chromatography at S3**

Speaker

Mustapha Laatiaoui

16:50

14:20

Accelerators and Instrumentation: 6

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

14:20–14:40

The (NA)2STARS: Neutrinos, Applications and Nuclear Astrophysics with a Segmented Total Absorption with higher Resolution Spectrometer, a combination of calorimetric and spectroscopic tools for beta decay and in-beam measurements

Speaker

Muriel FALLOT

14:40–15:00 **Enhanced laser-driven proton acceleration through Formvar film production**

Speaker

Afonso Vicente

15:00–15:20 **Technical progress at the double Penning Trap PIPERADE**

Speaker

Dr Emmanuel Rey-herme

15:20–15:40 **Results on the CROSSTEST@LNL experiment for NArCoS: the Cross-talk problem**

Speaker
Brunilde Gnoffo

15:40–16:00 **Measuring Variation of β -Decay Rates in Laboratory Plasmas: the PANDORA Facility**

Speaker
Bharat Mishra

16:00–16:20

ARIES: A High-Efficiency, High-Granularity Beta-Tagging Scintillator Array with Ultra-Fast Timing for Decay Spectroscopy Studies

Speaker
Victoria Vedia

16:50