

Session Program

27 May 2026

Congresso del Dipartimento di Fisica

Poster Session

Pisa, Aula Fratelli Pontecorvo

Wednesday 27 May

13:30

Poster Session

Session | **Location:** Pisa, Aula Fratelli Pontecorvo

13:30–15:30 **Measurement-induced dynamics of quantum light and matter**

Speaker

GIOVANNI CITERONI

13:30–15:30 **Measurement of the W boson mass at CMS**

Speaker

RUBEN FORTI

13:30–15:30 **Light-Cone Approach to Higher-Order Cosmological Observables**

Speaker

PIERRE BECHAZ

13:30–15:30

Investigation of Doppler heating using Rydberg Doppler broadening thermometry

Speaker

KRISHNA NAND TRIVEDI

13:30–15:30

Arrays of piezoelectric nanomaterials for energy harvesting and implants

Speaker

LUANA PERSANO

13:30–15:30

Another piece in the scrambled puzzle of polarimetric analyses of Supernova Remnants: RCW86 through the eyes of IXPE

Speaker

Stefano Silvestri

13:30–15:30

A Magnetic Mystery: Past, Present and Future of the Muon g-2 Puzzle

Speakers

ANNA DRIUTTI, EMMA HESS, LORENZO COTROZZI, LORENZO PUNZI

13:30–15:30

Tomographic 3D dosimetry with plastic scintillators for electron FLASH-RT

Speaker

ELEONORA RAVERA

13:30–15:30

Super-Resolution Microscopy: Probing the Cellular Impact of FLASH Radiotherapy

Speaker

MARTINA DE FELICE

13:30-15:30

Machine learning clustering of Tyre Rolling Noise for noise map modelling improvement**Speaker**

SIMON KANKA

13:30-15:30

Non-Invasive Plasma Diagnostics of High-Power Hall Thrusters using LIF-Doppler Velocimetry**Speaker**

MICHELE CARDELLI

13:30-15:30

Upgrade of the Belle II Vertex Detector with Depleted Monolithic CMOS Active Pixel Sensors**Speaker**

ALICE GABRIELLI

13:30-15:30

Thermal Stability of Organic Semiconductor Thin Film Glasses by Local Changes in Spontaneous Orientational Polarization**Speakers**

Marta Ruiz-Ruiz, SIMONE CAPACCIOLI

13:30-15:30

The muEDM experiment**Speaker**

MARIA ELISA TEGANO

13:30-15:30

Temporal Complexity Reveals Criticality in Dense Associative Memory Models**Speaker**

MARCO CAFISO

13:30-15:30

Rare Earth Based solid state laser from the visible to the infrared**Speaker**

DAVIDE BAIOTTO

13:30-15:30

Optical Control of Energy Transfer in Strongly Coupled Organic Microcavities**Speaker**

LORENZO LAVISTA

13:30-15:30

Novel Nanostructured Photodetectors Encompassing Organic Matrices**Speaker**

SYED OSSAMA ALI AHMAD

13:30-15:30

Neural Networks to improve tracking performances in high energy physics experiments: an application to the MEG II experiment**Speakers**

ANTOINE VENTURINI, LAPO DISPOTO