

Session Program

12-16 Jan 2026

XXXII Cracow Epiphany Conference on the recent results from Heavy Ion Physics

Young Scientist

Kraków, Poland

Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences, 152 Radzikowskiego
Street, Cracow, Poland

Tuesday 13 January

16:00

Young Scientist: Young Scientists

Session |

Location: Kraków, Poland, Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences, 152 Radzikowskiego Street, Cracow, Poland

16:00-16:15

Measurement of coherent exclusive J/ψ production in ultraperipheral Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 5.36$ TeV with the ATLAS detector

Speaker

Pawel Rybczynski

16:15-16:30

Probing the $X(6900)$ via Two-Photon Production in Ultraperipheral Collisions

Speaker

Longjie Chen

16:30

Wednesday 14 January

15:00

Young Scientist

Session |

Location: Kraków, Poland, Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences, 152 Radzikowskiego Street, Cracow, Poland

15:00-15:15

Charge-Dependent Directed Flow Splitting from EM Fields and Conserved-Charge Dynamics

Speaker

Mr Tribhuban Parida

15:15-15:30

Entropy and multiplicity of hadrons in the high energy limit within dipole cascade models

Speaker

Sandor Lekos

15:30

16:00

Young Scientist

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16:00-16:15

Fast Interpolation Grids and Determination of Parton Distribution Functions

Speaker

Mr BUDDHADEB DEY

16:15-16:30

Towards the search for lepton flavor violating $B \rightarrow K\ell\ell$ ($\ell = e, \mu$) decays at Belle and Belle II

Speaker

Junaid ur rehman

16:30-16:45

D^* polarisation measurements in semitauonic B -meson decays at Belle and Belle II experiments

Speaker

Mateusz Kaleta

16:45-17:00

Four Polarizations of the W at High Energies

Speaker

Trina Basu

17:00-17:15

The Lund String Hadronization model with Herwig 7 and its effect on collider observables

Speaker

Pratixan Sarmah

17:15

Thursday 15 January

16:00

Young Scientist

Session |

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16:00-16:15 **Drift circle error calibration in the TRT detector**

Speaker

Julia Leszczynska

16:15-16:30

On the Charged Fragments Tagging in the ATLAS Detector during the 2025 Oxygen Campaign

Speaker

Weronika Karolina Sobien

16:30-16:45

Extraction of quark/gluon jets angularities at the LHC using OpenData

Speaker

Van Dung Le

16:45-17:00

\$D^{\{0\}}\$-Tagged Jet Substructure in pp Collisions with ALICE

Speaker

Christian Reckziegel

17:00

Friday 16 January

11:00

Young Scientist

Session |**Location:** Kraków, Poland, Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences, 152 Radzikowskiego Street, Cracow, Poland

11:00-11:15

Characterization of the custom step-down DC/DC converter system for the ATLAS ITk Strip detector

Speaker

Weronika Emilia Bulanowska

11:15-11:30

Development of Pacific++ front-end ASIC for SciFi and Magnet Station detectors in LHCb Upgrade experiment

Speaker

Patryk Artur Prus

11:30-11:45

Machine learning based tracking for MUonE experiment

Speaker

Damian Artur Mizera

11:45-12:00

Atmospheric Muon Simulation and study of Reconstruction resolutions for P-ONE

Speaker

Shreya Sharma

12:00-12:15

Fast Cascade Generator GAN in the P-ONE Experiment

Speaker

Rafał Wroński

12:15-12:30

Fast Photon Propagation Simulation for the P-ONE Optical Calibration System

Speaker

Wojciech Noga

12:30