Session Program

25–29 May 2026

28th Conference on Computing in High Energy and Nuclear Physics (CHEP 2026)

Track 8 - Analysis infrastructure, outreach and education

Chulalongkorn University

Monday 25 May

13:45

Track 8 - Analysis infrastructure, outreach and education: Open Data

Session | **Location:** Chulalongkorn University

13:45–14:03

From recommendations to action: your role in advancing data preservation and open science in high-energy physics

Speaker
Caterina Doglioni

14:03–14:21

Rucio for Open Science: FAIR and Accessible Data at Scale from Day One

Speaker
Hugo Gonzalez Labrador

14:21–14:39

Providing Cold Storage in the CERN Open Data portal in production

Speaker
Pablo Saiz

14:39–14:57

Advancements in ATLAS Open Data for Research

Speaker
Giovanni Guerrieri

14:57–15:15

LHCb Ntupling Service: official public release with access to Run 2 open data

Speaker
Piet Nogga

15:15

16:15

Track 8 - Analysis infrastructure, outreach and education: Preservation & reproducibility

Session | **Location:** Chulalongkorn University

16:15–16:33

Comprehensive Data and Analysis Preservation at RHIC: Lessons Learned and Path Forward

Speaker
Eric Lancon

16:33–16:51

Towards fully reproducible physics analyses: lessons learned and practical implementations at LHCb

Speaker
Dr Mindaugas Sarpis

16:51–17:09

Celebi: a Novel Architecture for Reproducible and Preserved Physics Analyses

Speaker
Mingrui Zhao

17:09–17:27

Building a local Virtual Research Environment for the Einstein Telescope project

Speaker
Tommaso Diotalevi

17:27–17:45

Construction and Application of a Computing Platform for Diverse Data Analysis Scenarios at HEPS

Speaker
Qingbao Hu

17:45–18:03

Status and future of the BaBar Long Term Data Preservation and Computing Infrastructure

Speaker
Dr Marcus Ebert

18:03

Tuesday 26 May

13:45

Track 8 - Analysis infrastructure, outreach and education: Machine Learning

Session | **Location:** Chulalongkorn University

13:45–14:03

On-Premises Machine Learning Challenge Framework for High Energy Physics

Speakers
Hannes Jakob Hansen, Paulo Guilherme Pinheiro Pereira

14:03–14:21

INFN Hackathons: Five Years of Teaching AI for High Energy Physics and Beyond

Speaker
Francesca Lizzi

14:21–14:39

Open-Source Tools for Effective Machine Learning Education in HEP

Speaker
Liv Helen Vage

14:39–14:57

Machine Learning Training Facility at Vanderbilt University

Speaker
Andrew Malone Melo

14:57–15:15

Scalable HTC-based Neural Network Training Workflow for Neural Simulation-Based Inference

Speaker
Jay Ajitbhai Sandesara

15:15

16:15

Track 8 - Analysis infrastructure, outreach and education: Analysis Facilities

Session | **Location:** Chulalongkorn University

16:15–16:33

The CERN Analysis Facility: Consolidation, Evolution and Strategy

Speaker
Giovanni Guerrieri

16:33–16:51

Lessons learned running Integration Challenge at CMS Coffea-Casa facility

Speaker
Oksana Shadura

16:51–17:09

Purdue Analysis Facility: An Interactive Platform for HL-LHC Era Analyses at CMS

Speaker
Norbert Neumeister

17:09–17:27

Offloading CMS detector performance analysis with RNTuple and RDataFrame on an Analysis Facility

Speaker
CMS Collaboration

17:27–17:45 **ServiceX Update**

Speaker
Benjamin Galewsky

17:45–18:03

Point, Click, Analyze: Enabling Zero-Install Data Exploration with Browser-Based Tools and GitLab CI at LHCb

Speaker
James Connaughton

18:03

Thursday 28 May

13:45

Track 8 - Analysis infrastructure, outreach and education: Training

Session | **Location:** Chulalongkorn University

13:45–14:03 **HEP Software Training with IRIS-HEP/HSF**

Speaker
Richa Sharma

14:03–14:21 **heptraining.cern.ch – A catalog for HEP training resources and events**

Speaker
Kenneth Rioja

14:21–14:39 **Teaching ROOT**

Speaker
Danilo Piparo

14:39–14:57 **ePIC User Learning Training and Documentation Strategies**

Speaker
Alexandr Prozorov

14:57–15:15 **A Hosted BinderHub Service as a Scalable Training Platform for HEP**

Speaker
Fengping Hu

15:15

16:15

Track 8 - Analysis infrastructure, outreach and education: Outreach & Visualization

Session | **Location:** Chulalongkorn University

16:15–16:33 **Revamping the ATLAS Open Data for Outreach and Education**

Speaker
Dr Eirik Gramstad

16:33–16:51
Pathways to Particle Physics: A Scalable Model for High School and Undergraduate Engagement with Particle Physics Computing

Speaker
Suyog Shrestha

16:51–17:09
A comprehensive Pedagogical Pipeline for the H to WW Search Using CMS Open Data

Speaker
Anuj Raghav

17:09–17:27 **ALICE Event Display - lessons learned and future enhancements**

Speaker
Lukasz Graczykowski

17:27–17:45 **CMS Open Data Visualization with FireworksWeb**

Speaker
Yuxiao Wang

17:45–18:03 **Zero-Download Visualization: Accelerating Remote ROOT Analysis via Server-Side Range Slicing and Data Reduction**

Speaker
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18:03