Session Program

19-25 Oct 2024



Conference on Computing in High Energy and Nuclear Physics

Parallel (Track 8)

Monday 21 October

13:30

Parallel (Track 8): Collaboration, Reinterpretation, Outreach and **Education**

Session | Location: Room 2.B (Conference Room) | Conveners: Lene Kristian Bryngemark, Giovanni Guerrieri

13:30-13:48

Leveraging public cloud resources for the processing of CMS open data

Speaker

Kati Lassila-Perini

13:48-14:06

LHCb Open Data Ntupling Service: On-demand production and publishing of custom LHCb Open Data

Speaker

Piet Nogga

Open Data at ATLAS: Bringing TeV collisions to the World 14:06-14:24

Speaker

Giovanni Guerrieri

14:24-14:42

The CERN Open Source Program Office: changing the (HENP) software world, pragmatically

Speaker

Axel Naumann

14:42-15:00 Cold data support for the CERN Open Data Portal

Speaker

Pablo Saiz

15:00-15:18 Open Science and Compressed Baryonic Matter experiment

Speaker

Eoin Clerkin

15:18 16:15

Parallel (Track 8): Collaboration, Reinterpretation, Outreach and **Education**

Session | Location: Room 2.B (Conference Room) | Conveners: Lene Kristian Bryngemark, James Catmore

16:15-16:33 Delivering large scale public engagement open weeks at STFC

Speaker

Mr Greg Corbett

16:33-16:51

The Italian Summer Students Program at Fermilab and other US Laboratories: 40 years of education in particle physics and technology

Speaker

Kyle Knoepfel

16:51-17:09 Remote3: Public Engagement over 1 km underground - and beyond

Speaker
Lauren Mowberry

17:09-17:27 Recent Updates to the Popular ATLAS Virtual Visit Programme
Speaker
Ms Joni Pham

17:27-17:45 HEP-Help: a first-stop helpline for particle physics software
Speaker
Jim Pivarski

17:45-18:03
Leveraging Language Models to Navigate Conference Abstracts: An Open-Source
Approach
Speaker
Gordon Watts

18:03

Tuesday 22 October

13:30

Parallel (Track 8): Collaboration, Reinterpretation, Outreach and **Education**

Session | Location: Room 2.B (Conference Room) | Conveners: James Catmore, Giovanni Guerrieri

13:30-13:48

A technical overview of industry-science R&D projects for the High Luminosity **LHC under CERN openlab**

Speaker

Thomas Owen James

13:48-14:06

Using containers to speed up development, to run integration tests and to teach about distributed systems

Speaker

Kevin Pedro

14:06-14:24

Geometry Simplification Methods for Virtual Reality Applications

Speaker

Roger Jones

14:24-14:42 Data Preservation in High Energy Physics: a 10 years perspective

Speaker

Gerardo Ganis

14:42-15:00

Leveraging workflow engines and computing frameworks for physics analysis scalability and reproducibility

Speaker

Dr Mindaugas Sarpis

15:18