

Session Program

May 5 - 9, 2025



WLCG/HSF Workshop 2025

HSF

IJCLab, Paris, Auditorium P. Lehmann, Building 200
Domaine Universitaire Building 200 91400 Orsay

Tue, May 6

9:00 AM

HSF: Common software and Software Projects

Session | Location: IJCLab, Auditorium Joliot Curie, Building 100 | Convener: Stefan Roiser

9:00 - 9:30 AM ROOT: Taking stock of the Run 3 experience towards ROOT7

Speaker

Danilo Piparo

Location

IJCLab, Auditorium Joliot Curie, Building 100

9:30 - 10:00 AM Latest Developments in RooFit and Plans

Speaker

Jonas Rembser

Location

IJCLab, Auditorium Joliot Curie, Building 100

10:00 - 10:20 AM

Introduction to the Virtual Research Environment: an end-user perspective

Speaker

Sukanya Sinha

Location

IJCLab, Auditorium Joliot Curie, Building 100

10:30 - 11:00 AM Coffee break

11:00 - 11:20 AM Accelerating HEP detector simulations using G4HepEm

Speaker

Mihaly Novak

Location

IJCLab, Auditorium Joliot Curie, Building 100

11:20 - 11:40 AM

AdePT - Offloading electromagnetic showers in Geant4 simulations to GPU

Speaker

Severin Diederichs

Location

IJCLab, Auditorium Joliot Curie, Building 100

12:30 PM

Wed, May 7

9:00 AM

HSF: Sustainable Software

Session | **Location:** IJCLab, Auditorium Joliot Curie, Building 100 | **Convener:** Paul James Laycock

9:00 – 9:20 AM

The European Virtual Institute for Research Software Excellence (EVERSE)

Speaker

Graeme A Stewart

Location

IJCLab, Auditorium Joliot Curie, Building 100

9:20 – 9:40 AM

The EVERSE/ESCAPE use cases: evaluating and improving the quality of HEP software

Speakers

James Smith, Michael Philip Sparks, Tobias Fitschen

Location

IJCLab, Auditorium Joliot Curie, Building 100

9:40 – 10:00 AM

The EVERSE Research Software Quality Toolkit

Speaker

Michael Philip Sparks

Location

IJCLab, Auditorium Joliot Curie, Building 100

10:30 – 11:00 AM

Coffee break

11:00 – 11:20 AM

Scikit-HEP project news and future directions

Speaker

Eduardo Rodrigues

Location

IJCLab, Auditorium Joliot Curie, Building 100

11:20 – 11:40 AM

Marionette: Data Structure Description and Management for Heterogeneous Computing

Speaker

Nuno Dos Santos Fernandes

Location

IJCLab, Auditorium Joliot Curie, Building 100

11:40 AM – 12:10 PM

Julia: Sustainability and Efficiency

Speaker

Graeme A Stewart

Location

IJCLab, Auditorium Joliot Curie, Building 100

12:30 PM

2:15 PM

HSF: Training Working Group

Session | **Location:** IJCLab, Auditorium Joliot Curie, Building 100 | **Convener:** Michel Hernandez Villanueva

2:15 – 2:30 PM Overview, goals

Speaker

Michel Hernandez Villanueva

Location

IJCLab, Auditorium Joliot Curie, Building 100

2:30 – 2:55 PM The EVERSE training and recognition plan

Speaker

Kenneth Brian Rioja

Location

IJCLab, Auditorium Joliot Curie, Building 100

3:00 – 3:25 PM GWOSC and gravitational-wave data analysis training

Speakers

Massimiliano Razzano, Dr Stefano Bagnasco

Location

IJCLab, Auditorium Joliot Curie, Building 100

3:30 – 4:00 PM Coffee break

4:00 – 4:25 PM Training on sustainable computing at DESY

Speaker

Christoph Wissing

Location

IJCLab, Auditorium Joliot Curie, Building 100

4:30 – 4:55 PM User Learning for ePIC

Speaker

Holly Szumila-Vance

Location

IJCLab, Auditorium Joliot Curie, Building 100

5:00 – 5:25 PM HOWTO Train: the HSF Training experience

Speaker

Michel Hernandez Villanueva

Location

IJCLab, Auditorium Joliot Curie, Building 100

6:05 PM

Thu, May 8

2:15 PM

HSF: BOF (Birds Of a Feather)

Session | Location: IJCLab, Auditorium Joliot Curie, Building 100

5:30 PM

3:30 - 4:00 PM **Coffee break**