

Programme des sessions

20-22 avr. 2026



IRN Terascale @ IJCLab Orsay

Methods and Tools

IJCLab, Auditorium Pierre Lehmann
Building 200, IJCLab

mar. 21 avril

14:40

Methods and Tools

Session | Site: IJCLab, Auditorium Pierre Lehmann, Building 200, IJCLab

14:40 – 15:00 **SMEFT NLO correction to Higgs decaying to fermion pairs implementation Sherpa****Orateur**

Shakeel Ur Rahaman

15:00 – 15:20

Study of Neutral-Current Drell-Yan process with POWHEG: Impact of NLO EW effects and $\sin^2\theta_W$ **Orateur**

Mohamed Berkat

15:20 – 15:40 **Information Theory meets QCD****Orateur**

Ben Assi

15:40 – 16:00 **Exploring the BSM parameter space with Simulation-Based Inference method****Orateur**

Arpita Mondal

16:00

16:30

Methods and Tools

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16:30 – 16:50 **How to Explain Parton Distribution Functions with Shapley Values****Orateur**

Raphael BONNET GUERRINI

16:50 – 17:10

Bayesian Neural Networks for Robust Uncertainty Quantification in Parton Distribution Functions**Orateur**

Dakshansh Chawda

17:10 – 17:30 **Scaling laws for amplitude surrogates****Orateur**

Joaquín Iturriza Ramirez

17:30