Session Program

May 25 – 27, 2022

Bayesian Inference in High-Energy Physics

Topics talks on Bayesian Inference in HEP

IPPP, OC218

Thu, May 26

2:40 PM

Topics talks on Bayesian Inference in HEP: Topics talks on Bayesian Inference in HEP

Session | **Location:** IPPP, OC218

2:40 – 3:20 PM **Differentiable programming and its applications**

Speaker
Lukas Heinrich

3:20 – 4:00 PM **HEP Simulator issues tackled with Bayesian Inference**

Speaker
Manuel Szewc

4:00 – 4:30 PM **Coffee Break**

4:30 – 5:10 PM **Quantifying Uncertainty in Deep Learning**

Speaker
Mike Walmsley

5:10 – 5:50 PM **The inverse problem challenge in lattice QCD**

Speaker
Alexander Rothkopf

6:40 PM

Fri, May 27

9:00 AM

Topics talks on Bayesian Inference in HEP: Topics talks on Bayesian Inference in HEP

Session | **Location:** IPPP, OC218

9:00 – 9:40 AM **Causal Inference**

Speaker
Ezequiel Alvarez

9:40 – 10:20 AM **Representation Learning for HEP**

Speaker
Barry Dillon

10:20 – 11:00 AM **Bayesian community criteria for anomaly evaluation**

Speaker
Jernej Kamenik

11:00 AM