

Session Program

3-7 Aug 2020



DANCE Machine Learning Workshop 2020

Simulation and all other topics

<https://lbnl.zoom.us/j/94735075450?pwd=a2U1RGZMODJnZ2xWWnFoc25nbDhuUT09>

Friday 7 August

08:15

Simulation and all other topics

Session | Location: <https://bnl.zoom.us/j/94735075450?pwd=a2U1RGZMODJnZ2xWWnFoc25nbDhuUT09>

08:15–08:45 **Measurements using all available information with OmniFold**

Speaker

Benjamin Nachman

09:20

08:45–09:15 **Lessons from Industry**

Speaker

Manuel Weber

09:30

Simulation and all other topics

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09:30–09:45 **Reconstruction and machine learning for water Cherenkov detectors**

Speakers

Nick Prouse, Patrick de Perio

09:50–10:05

Summary of Machine Learning Applications for the COHERENT Collaboration

Speaker

Peibo An

10:30

10:10–10:20

Physics-informed Gaussian Process for Real-time Tuning and Control of Particle Accelerators

Speaker

Adi Hanuka