Session Program

6-8 Jul 2021



ML4Jets2021

Regression, Calibration, and Fast Inference

Wednesday 7 July

Regressio Session Loca nes Ochoa, Jenr	n, Calibration, and Fast Inference: Calibration ation: Philosophenweg 12, 69120 Heidelberg, Germany Conveners: nifer Ngadiuba
14:00-14:20 Machine lea resolution t Speaker Sanmay Gangu	arning based Particle Flow algorithm and application of super- echniques
14:20-14:40 Using Mach Speaker Hannah Bossi	ine Learning for Heavy-Ion Jet \$p_{\rm T}\$ Reconstruction in ALICE
14:40-15:00 Learning U Energy Phy	ncertainties the Frequentist Way: Calibration and Correlation in Hig sics
Speaker Rikab Gambhir	
15:00-15:20	ML in jet physics beyond classification
Speaker	
Loukas Gousko	S
Loukas Gousko Regressio Session Loca ennifer Ngadiuk	n, Calibration, and Fast Inference: Regression ation: Philosophenweg 12, 69120 Heidelberg, Germany Conveners: ba, Ines Ochoa
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0	Regression, Calibration, and Fast Inference: Fast Inference Session Location: Philosophenweg 12, 69120 Heidelberg, Germany Conveners:
	Ines Ochoa, Jennifer Ngadiuba
	16:40-17:00 Matrix Element Calculations on the GPU
	Speaker
	Joshua Isaacson
	17.00 17.20
	17:00-17:20
	Jet identification in L1 ingger at HL-LHC based on DNN implementation on FPGA
	Speaker
	Dr Andre Sznajder
	17:20-17:40
	OnlineFlow: Trigger Free Analysis Using Online Learned Generative Models
	Speaker

17:40

Sascha Daniel Diefenbacher