

Artificial Intelligence and the Uncertainty challenge in Fundamental Physics

lundi 27 novembre 2023

Opening session, Uncertainty Quantification: Jussieu, Amphi 25 (14:00 - 18:00)

-Présidents de session: Mark Neubauer; Vincent Alexander Croft

time	[id] title	presenter
14:00	[30] Welcome	ROUSSEAU, David
14:15	[44] Uncertainty modeling in particle physics	VERKERKE, Wouter
15:00	[52] Uncertainty Quantification and Machine Learning in Industry: Current Practices and Challenges in Industrial Applications for Low-Carbon Electricity Production	CHABRIDON, Vincent
15:30	[46] An Introduction to Bayesian Optimization	VAZQUEZ, Emmanuel
16:00	Coffee break in the Patio	
16:30	[13] Uncertainty Quantification in Neural Networks: Methods and Considerations	SLUIJTERMAN, Laurens
16:50	[22] Fair Universe Challenge Paris 2023	BHIMJI, Wahid
17:20	[4] Metrics for Uncertainty-Aware ML Methods	DIEFENBACHER, Sascha