

Machine Learning for the LHC

Glühweinworkshop IWH

December 19-21, 2022

Tilman Plehn, Torben Ferber, Tobias Golling, Lukas Heinrich,
Gregor Kasieczka, Markus Klute, Michael Krämer

Monday	12:30	Lunch	
	14:15	Group Intro	Tilman Plehn, Gregor Kasieczka
	15:00	Anomalies	Luigi Favaro (HD), Benedikt Meier (KA) Manuel Sommerhalder (HH), Thorben Finke (AC) Sam Klein (GE), Deb Sengupta (GE)
	17:00	Graph networks and FPGAs	Lea Reuter (KA), Isabel Haide (KA) Karim El Morabit (HH), Johnny Raine & Knut Zoch (GE)
	19:00	Dinner	
Tuesday	9:00	Group Intro	Tobias Golling, Lukas Heinrich, Markus Klute
	10:00	Simulation	Sascha Diefenbacher (HH), Erik Buhmann (HH) Ramon Winterhalder (HD+), Annalena Kofler (TUM)
	12:00	Lunch	
	14:00	Uncertainties	Arthur Monsch (KA), Matthew Leigh (GE) Sebastian Bieringer (HH), Misc (HD)
	17:00	Discussion	open
Wednesday	9:00	Group Intro	Michael Krämer
	9:30	Inference and Flows	Theo Heimel (HD), Lars Sowa (KIT) Mathias Backes (HD)
	11:30	Design optimization	open
	12:00	Lunch	