

Learning to Discover

mardi 19 avril 2022

Representation Learning workshop: Tues Morning (09:15 - 12:45)

-Présidents de session: David Rousseau

time	[id] title	presenter
09:15	[45] Introduction from the organisers	ROUSSEAU, David
09:30	[46] Welcome from Institut Pascal director	ULLMO, Denis
09:45	[47] Introduction and review: machine learning for charged particle tracking	STARK, Jan
10:45	Coffee break	
11:15	[48] Geometric Deep Learning, Graph Neural Networks, and Neural Diffusion Equations	BRONSTEIN, Michael

Representation Learning workshop: Tues afternoon (14:00 - 18:00)

-Présidents de session: Jean-Roch Vlimant

time	[id] title	presenter
14:00	[49] Overview of Machine Learning for Calorimeter and Particle Flow	PATA, Josep
15:00	[50] Learning general purpose physical simulators	SANCHEZ, Alvaro
16:00	Coffee break	
16:30	[51] Break-out sessions	

mercredi 20 avril 2022

Representation Learning workshop: Wed morning (09:00 - 12:30)

-Présidents de session: Peter Battaglia

time	[id] title	presenter
09:00	[52] Enabling Empirically and Theoretically Sound Algorithmic Alignment	VELICKOVIC, Petar
10:30	coffee break	
11:00	[53] Breakout sessions	

Representation Learning workshop: Wed afternoon (14:00 - 17:45)

-Présidents de session: Andreas Salzburger

time	[id] title	presenter
14:00	[54] Rediscovering orbital mechanics with Machine Learning	LEMOS, Pablo
15:30	Coffee break	
16:00	[96] Break-out session	
17:00	[55] Conclusions from breakout sessions	