



IML News

IML Working Group Monthly Meeting

March 16, 2021

IML Coordinators

Gian Michele Innocenti (ALICE), David Rousseau (ATLAS), Pietro Vischia (CMS),
Simon Akar (LHCB), Lorenzo Moneta (SFT), Riccardo Torre (TH), Andrea Wulzer (TH)



Today's Meeting

Topic of today: ML infrastructure

Hardware and software for Machine Learning

15:00	→ 15:05	News	🕒 5m	
Speakers: Andrea Wulzer (CERN and EPFL), David Rousseau (LAL-Orsay, FR), Gian Michele Innocenti (CERN), Lorenzo Moneta (CERN), Loukas Gouskos (CERN), Dr Pietro Vischia (Universite Catholique de Louvain (UCL) (BE)), Riccardo Torre (CERN), Simon Akar (University of Cincinnati (US))				
15:05	→ 15:30	MLaaS4HEP: Machine Learning as a Service for HEP	🕒 25m	
Speaker: Luca Giommi (Universita e INFN, Bologna (IT))				
15:30	→ 15:35	Question time	🕒 5m	
15:35	→ 16:00	Recent additions and changes to LUMIN, and INFERNO as a drop-in loss	🕒 25m	
Speaker: Dr Giles Chatham Strong (Universita e INFN, Padova (IT))				
16:00	→ 16:05	Question time	🕒 5m	
16:05	→ 16:30	Hyperparameter Optimisation service for Machine Learning at ATLAS	🕒 25m	
Speaker: Rui Zhang (University of Wisconsin Madison (US))				
16:30	→ 16:35	Question time	🕒 5m	
16:35	→ 17:00	Benchmarking GPU and TPU performance with Graph Neural Network"	🕒 25m	
Speaker: Xiangyang Ju (Lawrence Berkeley National Lab. (US))				
17:00	→ 17:05	Question time	🕒 5m	

Next Meeting

- Next meeting:
 - Tuesday, 13th of April, 2021 @ 15:00
 - Planned topic for next meeting:
 - New Physics Searches with ML
- Contact us: [iml.coordinators@cern.ch](mailto:iml coordinators@cern.ch)
if you are interested in presenting

Useful links:

- meetings: <https://iml.web.cern.ch/meetings>
- IML mailing list: <https://iml.web.cern.ch/forum>