

IML meeting – NEWS

Lorenzo Moneta (CERN) Markus Stoye (Imperial College, DSI)
Paul Seyfert (CERN) Rüdiger Haake (Yale University)
Steven Schramm (Université de Genève)



- organised by HSF
- writing sessions e.g. at the first IML workshop in 2017
- now on [arXiv](#)
- planning to have version 2 (updating institute affiliations, acknowledgements, ...)
 - details how changes are collected will follow
 - possibility to sign the paper



Machine Learning related sessions at summer conferences

- ICHEP
- CHEP
- BOOST
- QCHS



upcoming events

2018-09-10 – 2018-09-13 ROOT Users' Workshop in Sarajevo

2018-09-17 – 2018-09-21 INSIGHTS Workshop on Statistics and Machine Learning

2018-09-19 joint Outreach Workshop together with the
aMVA4NewPhysics Training Network

2018-09-21 CERN Alumni -- Moving Out of Academia to Big Data

2018-10-12 next IML meeting (Salle Anderson 40/S2-A01)



today's meeting

IML Machine Learning Working Group: constraining theory parameters with ML

📅 Thursday 30 Aug 2018, 15:00 → 18:00 Europe/Zurich

📍 500-1-001 - Main Auditorium (CERN)

Description Agenda under development. If you like to present, please contact iml.coordinators@cern.ch

Webcast

📺 There is a live webcast for this event

[Watch](#)

Videoconference Rooms

🌐 IML-MachineLearning-WG

[Join](#)



15:00 → 15:10 Introduction and news

🕒 10m

Speakers: Lorenzo Moneta (CERN), Markus Stoye (Imperial College (GB)), Paul Seyfert (CERN), Rudiger Haake (Yale University (US)), Steven Schramm (Universite de Geneve (CH))

15:15 → 16:00 Learning the likelihood function: moving from classification to Inference

🕒 45m

Speaker: Kyle Stuart Cranmer (New York University (US))



arxiv:1805.00013



arxiv:1805.00020

16:00 → 16:30 Learning (from) high-dimensional models: PhenoAI and Active Learning

🕒 30m

Speaker: Mr Bob Stienen (Radboud University Nijmegen)

16:35 → 16:45 DarkMachines

🕒 10m

Speaker: Roberto Ruiz De Austri (Instituto de Fisica Corpuscular (ES))



Run 259818
Timestamp: 2015-11-25 11:23:36(UTC)
System: P409
Energy: 0.00 TeV



CMS Experiment at LHC, CERN
Data recorded: Wed Nov 25 12:21:51 2015 CET
Run/Event: 259818 / 14592169
Lumi section: 309

SQFT

Event 2598326
Run 168486
Wed, 25 Nov 2015 12:51:53

CEST

first, stable beams heavy-ion collisions



slides (excl. cern logo) will appear on

<https://gitlab.cern.ch/pseyfert/slides-imlnews-2018-08-30>

