IML meeting – NEWS

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

HEP Software Foundation – Community White Paper

- 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 – 2018-09-18 AI at CERN and SKA

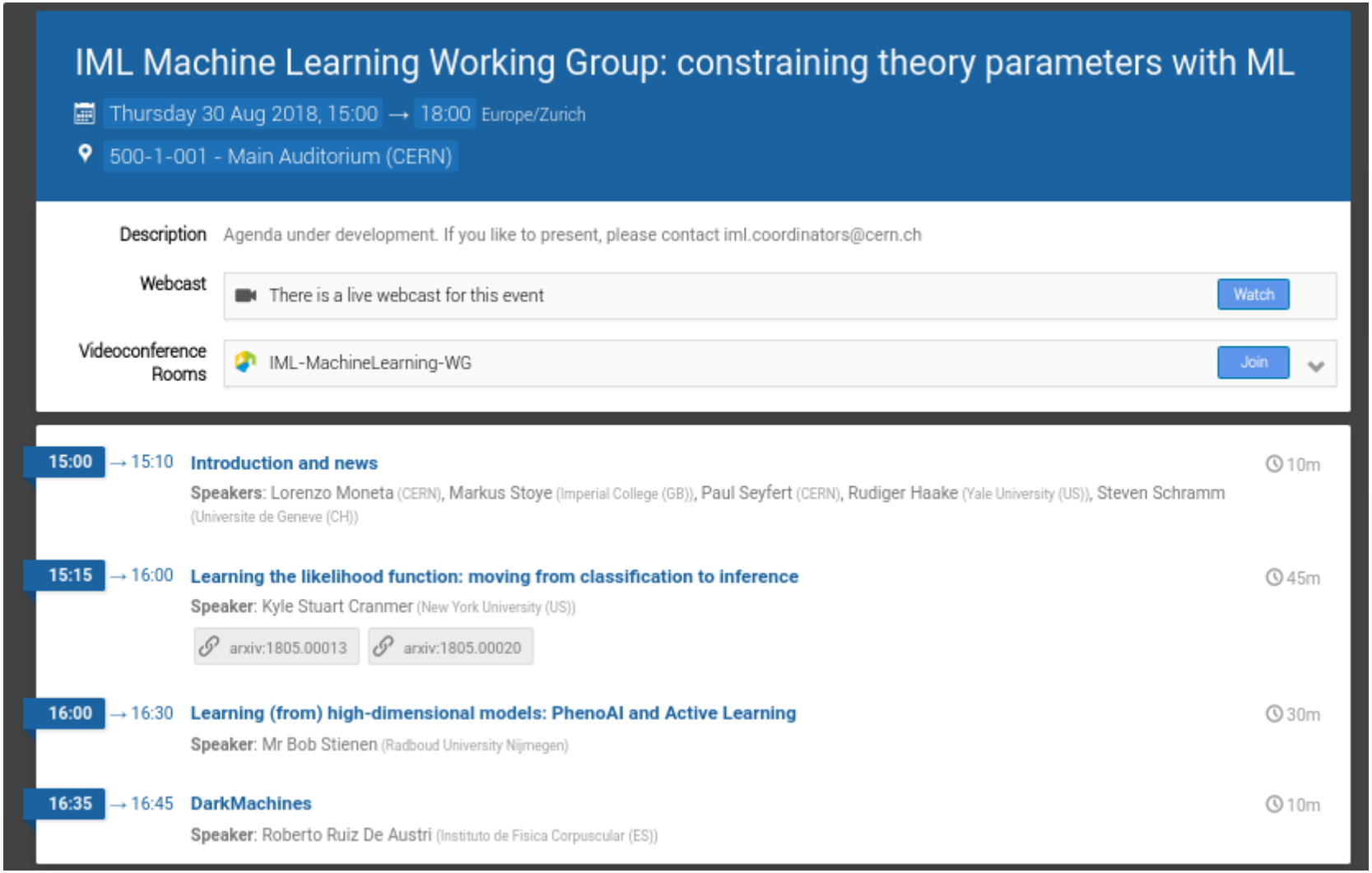
2018-09-17 – 2018-09-21 INSIGHTS Workshop on Statistics and Machine Learning

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))

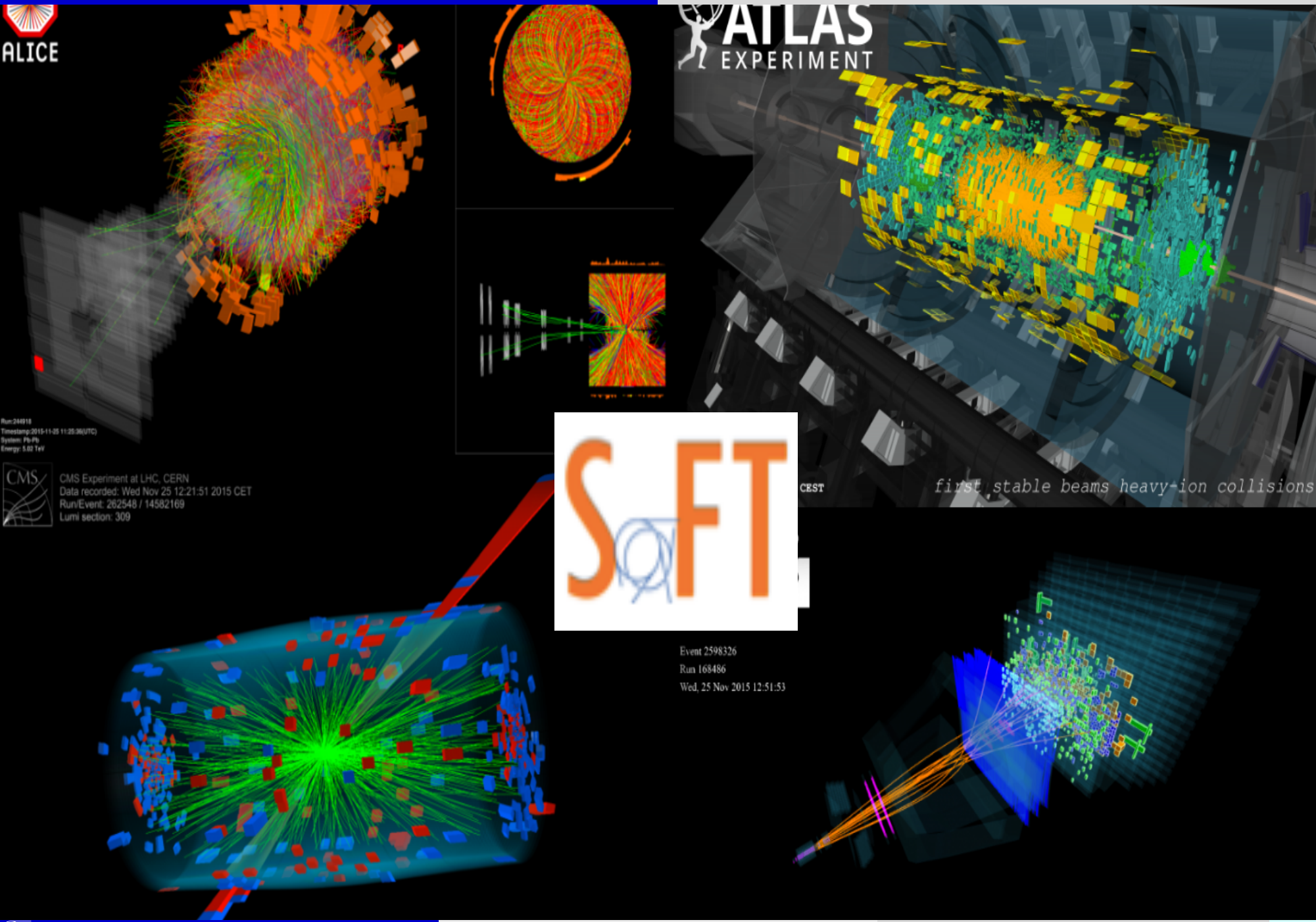
arxiv:1805.00013 arxiv:1805.00020

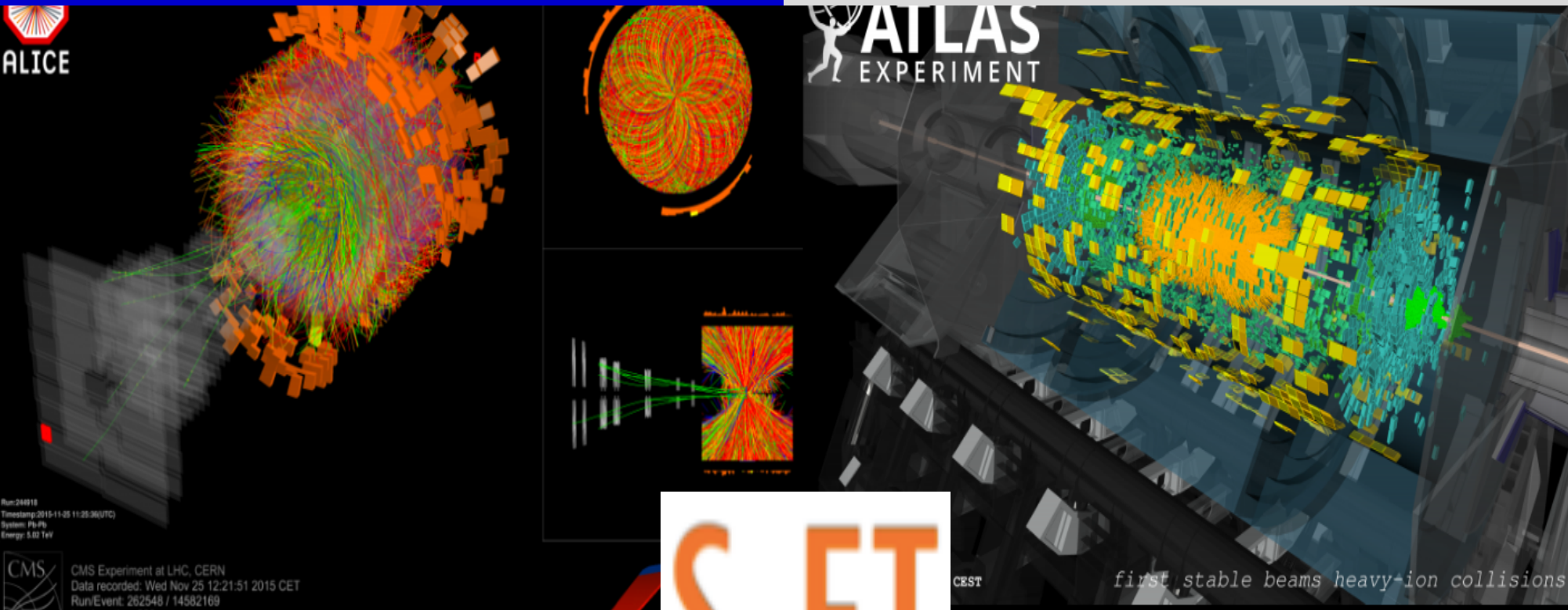
16:00 → 16:30 **Learning (from) high-dimensional models: PhenoAI and Active Learning** — 30m

Speaker: Mr Bob Stienen (Radboud University Nijmegen)

16:35 → 16:45 **DarkMachines** — 10m

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


ALICE
ATLAS
EXPERIMENT
CMS Experiment at LHC, CERN
Data recorded: Wed Nov 25 12:21:51 2015 CET
Run/Event: 262548 / 14582169
Lumi section: 309
first stable beams heavy-ion collisions
SoFT
Event 2598326
Run 168486
Wed, 25 Nov 2015 12:51:53



slides (excl. cern logo) will appear on

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