

IML meeting – NEWS

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

new ALICE contact



- welcome to Rüdiger Haake as IML coordinator for ALICE

directory of people in ML for HEP



Michela Paganini
@michelpaganini

Do you want to get to know more people doing research in [#MachineLearning](#) for High Energy [#Physics](#)? Looking for speakers? Need advice on a project? Check out this directory we just started (modeled after the WiML list): mickypaganini.github.io/HEPML_directory And sign up if you too are in [#HEPML](#)

8:14 PM - 21 Feb 2018

4 Retweets 12 Likes



HEPML DIRECTORY

Inspired by the WiML directory, we have created a list of people working at the intersection of Machine Learning and High Energy Physics. The list is opt-in; if you wish to be included, please fill out this form.

This directory is temporarily hosted here while awaiting relocation.

Contact Information (Responses) : Form Responses 1

	C	D	E	F	G	H
1	Name	Gender	Position	Current affiliation	Experiment	Keywords describing your HEPML research topics
2	Michela Paganini	Female	Ph.D. student	Yale University	ATLAS	GANs for fast calorimeter simulation, b-tagging, jet images, computer vision, Monte-Carlo tuning
3	Luke de Oliveira	Male	Founder / Research affiliate	Vai Technologies / Berkeley Lab		Deep learning, GANs, jet images, calorimeter simulation
4	Matthew Feickert	Male	Ph.D. student	Southern Methodist University	ATLAS	background estimation with deep learning

Deep Learning GAN Higgs bb fast

- field of ML in HEP is too large to know everybody
- it's easy to overlook projects when compiling summaries, recommending speakers, seeking similar projects to your own
- voluntary google docs form on opt-in basis



today's meeting

15:00	→ 15:10	News	🕒 10m
Speakers: Lorenzo Moneta (CERN), Markus Stoye (Imperial College (GB)), Paul Seyfert (CERN), Rudiger Haske (CERN), Steven Schramm (Université de Genève (CH))			
15:10	→ 15:30	TensorFlow for amplitude analyses	🕒 20m
https://gitlab.cern.ch/poluekt/TensorFlowAnalysis			
Speaker: Anton Poluektov (University of Warwick (GB))			
15:35	→ 15:55	TensorFlow in CMS5W	🕒 20m
Speaker: Marcel Rieger (RWTH Aachen University (DE))			
16:00	→ 16:20	Techlab's GPU offering	🕒 20m
Speaker: Maxime Reis (CERN)			
16:25	→ 16:45	Uproot: rapidly moving data from ROOT to Numpy and Pandas	🕒 20m
https://github.com/scikit-hep/uproot			
Speaker: Jim Pivarski (Princeton University)			
pivarski-uproot.pdf			
16:50	→ 17:50	IML workshop hackathon advertisements	
16:50		TrackML	🕒 5m
Speaker: Dr. Jean-Roch Vlimant (California Institute of Technology (US))			
16:55		negative per-event weights	🕒 5m
Speaker: Paul Seyfert (CERN)			



conclusion