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
@WonderMicky

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

	Name	Gender	Position	Current affiliation	Experiment	Keywords describing your HEPML research topics
1						
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

benchmark data sets

- follow-up our previous meeting on benchmark datasets
- let's not have all central work done by the coordinators
- looking for a volunteer to help collate and support the centralization of benchmark data sets for the benefit of all HEP ML users
- opportunity for long lasting glory
- (self-)nomination to `iml.coordinators@cern.ch`

upcoming events

next EP/IT datas science seminar

next week (7th March, Council Chamber, 11h CET)
David Rousseau
"TrackML : The High Energy Physics Tracking Challenge"
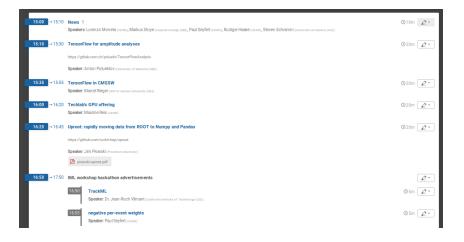https://indico.cern.ch/event/702054/

second IML workshop coming up

9th April – 12th April, 144 registrations so far
https://indico.cern.ch/e/IML2018

Please sign up early if you need access, certificate of attendance, WiFi account, …

today's meeting

conclusion

slides (excl. cern logo) will appear on

https://gitlab.cern.ch/pseyfert/slides-imlnews-2018-02-28