Third Machine Learning in High Energy Physics Summer School 2017

Monday, 17 July 2017

Seminars: Day 1 Seminars - Reading University (11:10 - 12:40)

-Conveners: Alexander Panin

time [id] title		presenter
11:10 [29] Semir short), mat	ar 1. Python data crunching: numpy, root_numpy, panda plotlib.	IS (very PANIN, Alexander

Seminars: Day 1 Seminars - Reading University (15:50 - 17:20)

-Conveners: Alexander Panin

time [id] title	presenter
15:50 [31] Seminar 2. Matplotlib, Trees & Linear Models in SciKit Learn. Overfitting checks & prevention.	PANIN, Alexander

Tuesday, 18 July 2017

Seminars: Day 2 Seminars - Reading University (11:00 - 12:30)

time [id] title	presenter
11:00 [32] Seminar 3. Ensembling: Adaboost, Stacking. Gradient Boosting.	

Seminars: Day 2 seminrs - Reading University (15:30 - 17:00)

time [id] title	presenter
15:30 [13] Seminar 4. Optimization of hyper-parameters, applications to challenge.	

Thursday, 20 July 2017

Seminars: Day 4 Seminars - Reading University (11:00 - 12:30)

time [id] title	presenter
11:00 [37] Seminar 5. Computing gradient by hand. Tensorflow. Keras. Remote machine setup. Getting familiar with GPU.	

Seminars: Day 4 Seminars - Reading University (15:30 - 17:00)

time [id] title	presenter
15:30 [46] Seminar 6. Image recognition using convolutional neural networks.	

Friday, 21 July 2017

Friday, 21 July 2017

Seminars: Day 5 Seminars - Reading University (15:30 - 17:00)

time [id] title	presenter
15:30 [39] Seminar 7. PCA, Autoencoders (faces)	

Saturday, 22 July 2017

Seminars: Day 6 Seminars - Reading University (11:00 - 12:30)

time [id] title	presenter
11:00 [41] Seminar 8 Generative Adversarial Networks (physics)	