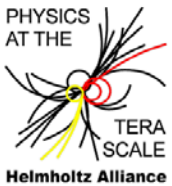
1. Pan-European Advanced School on Statistics in High Energy Physics
28 Oct – 1 Nov 2019, DESY Hamburg - PROGRAMME OVERVIEW

Status
9 Aug 19

	Mon 28 Oct	Tue 29 Oct	Wed 30 Oct	Thu 31 Oct	Fri 1 Nov
9:00		Bayesian Analysis Toolkit Tutorial (O. Schulz)	Variational Autoencoder Lecture & Tutorial (G. Kasieczka)	Approximate Bayesian Computing (C. Shafer)	Non-Parametric Inference (C. Shafer)
10:30		Coffee break	Coffee break	Coffee break	Coffee break
11:00		BAT tutorial (O. Schulz)	VAE Tutorial (G. Kasieczka)	Gaussian Processes (M. Kuusela)	Non-Parametric Inference (C. Shafer)
12:30	Registration	Lunch	Lunch	Lunch	Lunch
14:00	Bayesian Inference (A. Caldwell)	Likelihood Free Inference & Probabilistic Programming (G. Louppe, L. Heinrich)	Further Lectures & Discussion time	Unfolding (M. Kuusela)	
15:30	Coffee break	Coffee break	Coffee break	Coffee break	
16:00	Bayesian Inference (A. Caldwell)	Likelihood Free Inference & ProbabilisticProgramming (G. Louppe, L. Heinrich)	Further Lectures & Discussion time	RooFitUnfold Tutorial (L.Brenner, C. Burgard, P. Verschuuren)	
18:30	Welcome Reception		School Dinner 19:00-22:00		



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Further lectures/options for ML part:

- Bayesian Inference as a support to corporate decision making (S. Priuli , S. Borroni) → booked (max. 1 h)
- FastSimGAN lecture (M. Faucci, R. di Sipio)
- (V/)autoencoder tutorial with Google Colab (M. Pierini T.Nguyen)
- VAE or something else from S. Caron
- Something from ESRs, e.g Sitong on Graphs
- .. Your suggestions

INSIGHTS

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