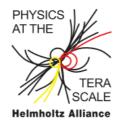
Helmholtz Alliance

PHYSICS AT THE TERASCALE



Aachen + + + Humboldt-Universität zu Berlin + + + Rheinische Friedrich-Wilhelms-Universität Bonn + + + Technische Universität Dortmund + + + Technische Universität Dresden + + + Albert-Ludwigs Universität Freiburg +++ Justus-Liebig-Universität Gießen +++ Georg-August-Universität Göttingen +++ Universität Hamburg +++ Ruprecht-Karls-Universität Heidelberg +++ Karlsruher Institut für Technologie - Universitätsbereich +++ Johannes Gutenberg-Universität Mainz +++ Ludwig-Maximilians-Universität München +++ Universität Regensburg +++ Universität Rostock +++ Universität

1st Terascale School on Machine Learning 22 - 26 October 2018 **DESY, Hamburg**

Lectures on machine learning:

- Introduction to MI.
- oduction to Deep Learning
- anced topics in Deep Learning



Thursday afternoon will be reserved for a ML











For more details and registration go to: www.terascale.de/ML2018

The school fee is 60 € The number of attendees is limited to 80, please register early.

Education

- ~100 participants
- "Complete" Program:
 - Basics of ML, Classic techniques
 - Introduction to Deep Learning
 - Standard Architectures
 - Current developments
 - Most lectures by HEP-practitioners
- Several hands-on tutorials + challenge
 - **AWS**
 - Codalab
- Very successful (both our impression and generally very positive evaluation)