

**Session Program**

**18-20 Feb 2016**

**Heavy Flavour Data Mining workshop**

***Machine Learning tools & tutorials***

University of Zurich, Irchel Campus, Y16 G15

# Thursday 18 February

15:00

## Machine Learning tools & tutorials

**Session** | **Location:** University of Zurich, Irchel Campus, Y16 G15 | **Convener:** Andrey Ustyuzhanin

15:00–17:00 **An introduction to machine learning with Scikit-Learn**

**Speaker**

Dr Gilles Louppe

17:00–17:20 **Coffee break**

17:20–18:50 **Boosting applications for HEP**

**Speaker**

Aleksei Rogozhnikov

19:00

## Friday 19 February

15:00

### Machine Learning tools & tutorials: Machine Learning tools & tutorials

**Session** | **Location:** University of Zurich, Irchel Campus, Y16 G15

15:00–15:40 **OpenML: Collaborative machine learning**

**Speaker**

Dr Joaquin Vanschoren

15:40–16:10 **Coffee break**

16:10–16:30 **Calibration curves as tool to test for over- and underfitting**

**Speaker**

Dr Artem Vorozhtsov

16:30–18:30 **Reproducible Experiment Platform & Everware**

**Speakers**

Aleksei Rogozhnikov, Andrey Ustyuzhanin

18:50

# Saturday 20 February

11:45

## Machine Learning tools & tutorials: Machine Learning tools & tutorials

**Session** | **Location:** University of Zurich, Irchel Campus, Y16 G15 | **Convener:** Andrey Ustyuzhanin

11:50-12:00 **Nvidia tutorial**

12:00-12:30 **TensorFlow introduction & tutorial #1**

**Speaker**

Rafal Jozefowicz

12:40

13:30

## Machine Learning tools & tutorials: Machine Learning tools & tutorials

**Session** | **Location:** University of Zurich, Irchel Campus, Y16 G15

13:30-14:50 **TensorFlow introduction & tutorial. Continuation**

**Speaker**

Rafal Jozefowicz

14:50