Machine Learning for High Energy Physics - a mini course

Report of Contributions

Contribution ID: **1** Type: **not specified**

Basics of neural networks and training

Monday 4 February 2019 09:45 (1 hour)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: **2**

Type: **not specified**

Convolutional networks

Monday 4 February 2019 11:00 (1h 15m)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: **3**   Type: **not specified**

Recurrent architectures

Monday 4 February 2019 14:00 (1 hour)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: 4   Type: **not specified**

Combining Physics and Deep Learning

Monday 4 February 2019 15:15 (1h 15m)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: **5**　　　　　　　　　　　　　　　　　　Type: **not specified**

Systematic Uncertainties and Learning from Data

Tuesday 5 February 2019 09:30 (1h 15m)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: **6**   Type: **not specified**

Generative Networks and Understanding network decisions

Tuesday 5 February 2019 11:00 (1 hour)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: **7**   Type: **not specified**

Hands-on

Tuesday 5 February 2019 14:00 (1 hour)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: **8**   Type: **not specified**

Hands-on

Tuesday 5 February 2019 15:15 (1h 15m)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: **9** Type: **not specified**

Scaling up TensorFlow on Accelerators

Tuesday 5 February 2019 17:00 (40 minutes)

Presenter: RITTER, Marvin (Google AI)

Contribution ID: **10**   Type: **not specified**

Invited evening talk: Machine Learning for HL-LHC

Monday 4 February 2019 17:00 (40 minutes)

Presenter: NGADIUBA, Jennifer (CERN)

Contribution ID: **11**　　　　　　　　　　　　　　　　　　Type: **not specified**

Registration

Monday 4 February 2019 09:00 (30 minutes)

Contribution ID: **12**   Type: **not specified**

Introduction

Monday 4 February 2019 09:35 (10 minutes)

Presenter: AARRESTAD, Thea (Universitaet Zuerich (CH))

Contribution ID: **13**   Type: **not specified**

Welcome

Monday 4 February 2019 09:30 (5 minutes)

Presenter: KILMINSTER, Ben (Universitaet Zuerich (CH))