

Machine learning mini-workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Generative Adversarial Networks

Wednesday, April 15, 2020 8:45 AM (45 minutes)

Presenter: BUTTER, Anja (University of Heidelberg)

Session Classification: Overview and Introduction

Contribution ID: 2

Type: **not specified**

Casting a ParticleNet to catch dark showers

Wednesday, April 15, 2020 11:45 AM (25 minutes)

Presenter: BERNREUTHER, Elias (RWTH Aachen University)

Session Classification: Aachen activities

Contribution ID: 3

Type: **not specified**

Autoencoder frustration

Wednesday, April 15, 2020 12:10 PM (25 minutes)

Presenter: FINKE, Thorben (RWTH Aachen University)

Session Classification: Aachen activities

Contribution ID: 4

Type: **not specified**

ML ideas for astroparticle physics

Wednesday, April 15, 2020 12:35 PM (20 minutes)

Presenter: MANCONI, Silvia (RWTH Aachen University)

Session Classification: Aachen activities

Contribution ID: 5

Type: **not specified**

Bayesian Networks and Uncertainties

Wednesday, April 15, 2020 9:30 AM (25 minutes)

Presenter: LUCHMANN, Michel (University of Heidelberg)

Session Classification: Heidelberg activities

Contribution ID: 6

Type: **not specified**

Capsules Instead of CNNs

Wednesday, April 15, 2020 9:55 AM (25 minutes)

Presenter: DIEFENBACHER, Sascha (University of Heidelberg)

Session Classification: Heidelberg activities

Contribution ID: 7

Type: **not specified**

Autoencoders

Wednesday, April 15, 2020 10:20 AM (25 minutes)

Presenter: HEIMEL, Theo (University of Heidelberg)

Session Classification: Heidelberg activities

Contribution ID: 8

Type: **not specified**

Neural Network-based Top Tagger with Two-Point Energy Correlations and Geometry of Soft Emissions

Wednesday, April 15, 2020 11:00 AM (45 minutes)

Presenter: NOJIRI, Mihoko (IPNS, KEK)

Session Classification: Invited talk