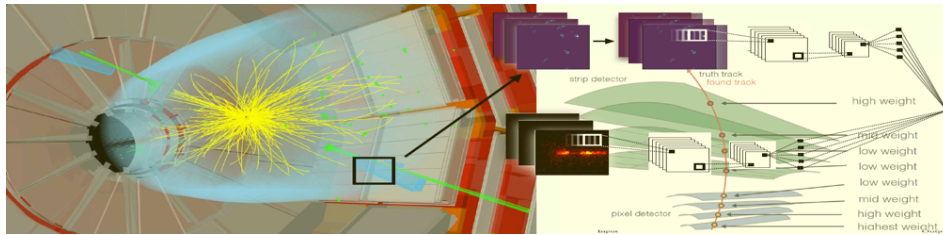


Machine Learning Workshop/Hackathon



Report of Contributions

Contribution ID: 1

Type: **not specified**

Machine Learning lecture I S. Gleyzer

Wednesday 24 April 2019 14:30 (1h 30m)

Presenter: SERGEI V, Gleyzer

Session Classification: Afternoon Session

Contribution ID: 2

Type: **not specified**

Hands-on exercises

Wednesday 24 April 2019 16:30 (1h 30m)

Presenter: SERGEI V, Gleyzer

Session Classification: Afternoon Session

Contribution ID: 3

Type: **not specified**

Hackathon Office hours (F-442) (5:30 PM - 6:30 PM)

Wednesday 24 April 2019 18:00 (1 hour)

Session Classification: Afternoon Session

Contribution ID: 4

Type: **not specified**

Machine learning lecture II S. Gleyzer

Thursday 25 April 2019 14:00 (1h 30m)

Presenter: Dr GLEYZER, Sergei (University of Florida (US))

Session Classification: Afternoon Session

Contribution ID: 5

Type: **not specified**

Hands on exercises

Thursday 25 April 2019 16:00 (1h 30m)

Session Classification: Afternoon Session

Contribution ID: 6

Type: **not specified**

Hackathon Office hours (F-442) (5:30 PM - 6:30 PM)

Thursday 25 April 2019 17:30 (1h 30m)

Session Classification: Afternoon Session

Contribution ID: 7

Type: **not specified**

Machine Learning Lecture III S. Gleyzer

Friday 26 April 2019 10:00 (1h 30m)

Presenter: GLEYZER, Sergei (University of Florida (US))

Session Classification: Morning Session - Talks about ML/Data Science applications

Contribution ID: 8

Type: **not specified**

Hackathon Solutions Due

Friday 26 April 2019 11:30 (1 hour)

Session Classification: Morning Session - Talks about ML/Data Science applications

Contribution ID: 9

Type: **not specified**

Hackathon results

Friday 26 April 2019 14:00 (1 hour)

Session Classification: Afternoon Session

Contribution ID: **10**

Type: **not specified**

Workshop Close-out

Friday 26 April 2019 15:00 (1 hour)

Session Classification: Afternoon Session

Contribution ID: 11

Type: **not specified**

Wolfgang Rolke (Dept. of Mathematics)- Basic Statistics Concepts for ML

Wednesday 24 April 2019 09:30 (45 minutes)

Presenter: Prof. ROLKE, Wolfgang (University of Puerto Rico - Mayaguez, Department of Mathematical Sciences)

Session Classification: Talks ML/Data science Applications

Contribution ID: 12

Type: **not specified**

Wilson Rivera Gallego (Dept. of CSE) - A Deep Learning Approach to Protein Structure Classification and Prediction

Wednesday 24 April 2019 10:45 (30 minutes)

Session Classification: Talks ML/Data science Applications

Contribution ID: 13

Type: **not specified**

Manuel Rodriguez-Martinez (Dept. of CSE) - Twitter Health Surveillance (THS) System

Wednesday 24 April 2019 10:15 (30 minutes)

Session Classification: Talks ML/Data science Applications

Contribution ID: 14

Type: **not specified**

Jairo Orozco Sandoval (Dept of Physics)- : Discovering phase transitions using unsupervised machine learning PCA

Thursday 25 April 2019 09:30 (30 minutes)

Session Classification: Morning Session - Talks about ML/Data Science applications

Contribution ID: 15

Type: **not specified**

Guillermo Fidalgo (Dept of Physics) - Machine Learning in DQM at CMS Experiment

Thursday 25 April 2019 10:00 (30 minutes)

Presenter: Mr FIDALGO RODRIGUEZ, Guillermo Antonio (University of Puerto Rico at Mayagüez)

Session Classification: Morning Session - Talks about ML/Data Science applications

Contribution ID: 16

Type: **not specified**

Juan Figueroa, Heidy Sierra & Emmanuel Arzuaga (Dept. of CSE) - YOLOv3 for ASL Translation

Thursday 25 April 2019 09:00 (30 minutes)

Session Classification: Morning Session - Talks about ML/Data Science applications

Contribution ID: 17

Type: **not specified**

**Fernando Arias, Emmanuel Arzuaga & Heidy Sierra
(Dept. of CSE) - Compressive Sensing Biomedical
Image Reconstruction with ISTA-NET**

Thursday 25 April 2019 10:30 (30 minutes)

Session Classification: Morning Session - Talks about ML/Data Science applications

Contribution ID: 18

Type: **not specified**

Edgar Acuna (Dept. of Mathematics)- Visualizing multidimensional data using PCA and T-SNE

Thursday 25 April 2019 11:00 (1 hour)

Session Classification: Morning Session - Talks about ML/Data Science applications

Contribution ID: **19**

Type: **not specified**

Welcome and Snacks

Wednesday 24 April 2019 09:00 (30 minutes)

Session Classification: Talks ML/Data science Applications