

# **Computing Session at CM 18/1**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Pattern recognition in the PANDA experiment with neural networks**

*Tuesday, 6 March 2018 09:20 (20 minutes)*

**Presenters:** HEDKVIST, Adam; JONNATH, Arvi; Mr PAPENBROCK, Michael (Uppsala University(UU))

Contribution ID: 1

Type: **not specified**

## **Software Alignment Procedure for PANDA**

*Tuesday, 6 March 2018 11:00 (20 minutes)*

**Presenters:** KLASSEN, Roman (Johannes Gutenberg-Universität Mainz); KLASSEN, Roman

Contribution ID: 2

Type: **not specified**

## **Geometry and material description of barrel EMC in simulation**

*Tuesday, 6 March 2018 11:20 (20 minutes)*

**Presenters:** ZHAO, Guang (IHEP); Prof. SUN, Shengsen (Institute of High Energy Physics, Chinese Academy of Sciences)

Contribution ID: 3

Type: **not specified**

## Machine Learning for PID

*Tuesday, 6 March 2018 09:40 (20 minutes)*

**Presenter:** ESMAIL, Waleed (FZ Jülich)

Contribution ID: 4

Type: **not specified**

## **Pattern recognition and detector signatures of hyperons**

*Tuesday, 6 March 2018 09:00 (20 minutes)*

**Presenter:** REGINA, Jenny (Uppsala University)

Contribution ID: 5

Type: **not specified**

## **Detector signatures of $\Xi^-$ - $\bar{\Xi}^+$ hyperons in the forward spectrometer at PANDA**

*Tuesday, 6 March 2018 12:20 (20 minutes)*

**Presenter:** Ms PÉREZ, Gabriela (Uppsala University)

Contribution ID: 6

Type: **not specified**

## **Technical aspects of the reconstruction of pbarp->phiphi**

*Tuesday, 6 March 2018 12:00 (20 minutes)*

**Presenter:** Ms KESHK, Iman (Bochum University)



Contribution ID: 7

Type: **not specified**

## **Geant4 FTF model validation for strange particle production**

*Tuesday, 6 March 2018 12:40 (20 minutes)*

**Presenters:** Dr GALOYAN, Aida (Joint Institute for Nuclear Research, Dubna); VLADIMIR, Uzhinsky

Contribution ID: 8

Type: **not specified**

## **PID for FTOF with Cellular Automaton tracking**

*Tuesday, 6 March 2018 10:00 (20 minutes)*

**Presenter:** VERETENNIKOV, Denis (Petersburg Nuclear Physics Institute (PNPI)(PNPI))

Contribution ID: 9

Type: **not specified**

## Folder Cleanup in PandaRoot and git usage

*Tuesday, 6 March 2018 11:40 (20 minutes)*

**Presenter:** Dr KLIEMT, Ralf (GSI, Darmstadt)