

# **Workshop on underground muon measurements**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Introduction. Activities at the LSC

*Tuesday 9 August 2016 09:00 (1 hour)*

**Presenter:** IANNI, Aldo (INFN LNGS)

Contribution ID: 2

Type: **not specified**

## Status of the muon measurement in the LSC

*Tuesday 9 August 2016 10:00 (30 minutes)*

Alberto Bayo

Contribution ID: 3

Type: **not specified**

## Status of the MIPT group

*Tuesday 9 August 2016 11:00 (30 minutes)*

**Presenters:** NOZIK, Alexander (INR RAS); FAZLIAKHMETOV, Almaz (MIPT)

Contribution ID: 4

Type: **not specified**

## Data analysis tasks

*Tuesday 9 August 2016 11:30 (30 minutes)*

**Presenter:** SLUPECKI, Maciej (University of Jyvaskyla (FI))

Contribution ID: 5

Type: **not specified**

## **Event selection algorithm and muon angular distribution map**

*Tuesday 9 August 2016 13:30 (30 minutes)*

**Presenter:** FAZLIAKHMETOV, Almaz (MIPT)

Contribution ID: 6

Type: **not specified**

## **Simulation software of MuonMonitor geometry**

*Tuesday 9 August 2016 14:00 (30 minutes)*

Olga Matveeva

Contribution ID: 7

Type: **not specified**

## Tracking for MuonMonitor

*Tuesday 9 August 2016 14:30 (30 minutes)*

Maria Nelubina



Contribution ID: 8

Type: **not specified**

## Event selection and background rejection methods

*Tuesday 9 August 2016 15:30 (30 minutes)*

Timofey Glukhikh

Contribution ID: 9

Type: **not specified**

## **Muon monitoring in CallioLab (CUPP) and LSC**

*Tuesday 9 August 2016 16:00 (30 minutes)*

**Presenters:** SLUPECKI, Maciej (University of Jyvaskyla (FI)); ENQVIST, Timo

Contribution ID: **10**

Type: **not specified**

## DAQ of the MuonMonitor

*Wednesday 10 August 2016 12:00 (1 hour)*

**Presenter:** SLUPECKI, Maciej (University of Jyvaskyla (FI))

Contribution ID: **11**

Type: **not specified**

## Immediate tasks and plan of work

*Wednesday 10 August 2016 15:00 (30 minutes)*

**Presenter:** FAZLIAKHMETOV, Almaz (MIPT)

Contribution ID: **12**

Type: **not specified**

## Summary

*Wednesday 10 August 2016 15:30 (1 hour)*

All

Contribution ID: **14**

Type: **not specified**

## Introduction to GEANT4

*Thursday 11 August 2016 10:00 (1h 30m)*

Iulian Bandac

Contribution ID: 15

Type: **not specified**

## **Data analysis and programming exercises**

*Thursday 11 August 2016 11:30 (1 hour)*

Contribution ID: 16

Type: **not specified**

## **One evening attempt to see how flat surface and mountain affect the angular distribution of muons**

*Wednesday 10 August 2016 13:00 (30 minutes)*

**Presenter:** LOO, Kai Krister (University of Jyvaskyla (FI))



Contribution ID: 17

Type: **not specified**

## Free discussion

*Thursday 11 August 2016 12:30 (1h 30m)*