

MuCol: training on detector design and physics performance tools



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to the MuCol project and tutorial goals

Wednesday 5 July 2023 13:30 (15 minutes)

Presenter: LUCCHESI, Donatella (Universita e INFN, Padova (IT))

Session Classification: Software Status

Contribution ID: 2

Type: **not specified**

Description of the actual detector

Wednesday 5 July 2023 13:45 (20 minutes)

Presenter: ZULIANI, Davide (Universita e INFN, Padova (IT))

Session Classification: Software Status

Contribution ID: 3

Type: **not specified**

Hands on: Event generation examples

Wednesday 5 July 2023 14:30 (30 minutes)

Presenters: LUCCHESI, Donatella (Universita e INFN, Padova (IT)); BARTOSIK, Nazar (Universita e INFN Torino (IT))

Session Classification: Software Status

Contribution ID: 4

Type: **not specified**

Hands on: detector simulation

Wednesday 5 July 2023 15:30 (45 minutes)

Presenter: SESTINI, Lorenzo (Universita e INFN, Padova (IT))

Session Classification: Software Status

Contribution ID: 5

Type: **not specified**

Hands on: event reconstruction

Wednesday 5 July 2023 16:15 (45 minutes)

Presenter: BUONINCONTI, Laura (Universita e INFN, Padova (IT))

Session Classification: Software Status

Contribution ID: 6

Type: **not specified**

Hands on: event analysis

Wednesday 5 July 2023 17:00 (45 minutes)

Presenter: AIME', Chiara (Pavia University and INFN (IT))

Session Classification: Software Status

Contribution ID: 7

Type: **not specified**

Beam Induced background description

Thursday 6 July 2023 09:00 (20 minutes)

Presenter: BARTOSIK, Nazar (Universita e INFN Torino (IT))

Session Classification: Hands on

Contribution ID: 8

Type: **not specified**

Hands on: Modify the detector geometry

Thursday 6 July 2023 09:55 (35 minutes)

Presenter: SESTINI, Lorenzo (Universita e INFN, Padova (IT))

Session Classification: Hands on

Contribution ID: 9

Type: **not specified**

Generate lightweight BIB for the new geometry

Session Classification: Hands on

Contribution ID: **10**

Type: **not specified**

Open hands on: from beginners to advanced

Thursday 6 July 2023 11:00 (1h 30m)

Session Classification: Hands on

Contribution ID: **11**

Type: **not specified**

Create a new package

Session Classification: Hands on

Contribution ID: 12

Type: **not specified**

Run on HTCondor batch system

Session Classification: Hands on

Contribution ID: 13

Type: **not specified**

Introduction to the software

Wednesday 5 July 2023 14:05 (25 minutes)

Presenter: KRIZKA, Karol (University of Birmingham (GB))

Session Classification: Software Status

Contribution ID: 14

Type: **not specified**

Hands on: Beam Induced Background overlay to physics event

Thursday 6 July 2023 09:20 (35 minutes)

Presenter: BARTOSIK, Nazar (Universita e INFN Torino (IT))

Session Classification: Hands on