

Detector Simulation and Geometry editing

Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening

Monday, 11 August 2014 09:00 (20 minutes)

Contribution ID: 1

Type: **not specified**

Introduction to Geant 4

Monday, 11 August 2014 10:50 (4h 10m)

Presenter: Mr XU, Yin (Nankai University)

Contribution ID: 2

Type: **not specified**

Introduction to common simulation tool: Mokka, Druid, Marlin & Root

Monday, 11 August 2014 15:30 (1h 30m)

Presenter: Mr RUAN, Manqi (IHEP)

Contribution ID: 3

Type: **not specified**

Architecture of Mokka

Contribution ID: 4

Type: **not specified**

Modify the geometry with Mokka Parameters at steering file

Tuesday, 12 August 2014 10:40 (1h 20m)

Contribution ID: 5

Type: **not specified**

Verification of Modified Geometry: HitMap & GDML Browsing

Contribution ID: 6

Type: **not specified**

G4 Examples for beginners

Tuesday, 12 August 2014 15:40 (1h 20m)

Contribution ID: 7

Type: **not specified**

Geant 4 exercise

Contribution ID: 8

Type: **not specified**

Mokka Hard Code

Wednesday, 13 August 2014 09:30 (50 minutes)

Contribution ID: 9

Type: **not specified**

Mokka Hard Code

Wednesday, 13 August 2014 10:40 (1h 20m)

Contribution ID: **10**

Type: **not specified**

Verification of Modified Geometry: HitMap

Contribution ID: 11

Type: **not specified**

Mokka example: Change Tracker Geometry, from TPC to Strips

Contribution ID: 12

Type: **not specified**

Review of Homework

Thursday, 14 August 2014 09:00 (1 hour)

Contribution ID: 13

Type: **not specified**

Verification hard-coded geometry with Hitmap & display

Contribution ID: 14

Type: **not specified**

Exercise and Q-A

Thursday, 14 August 2014 15:00 (4 hours)

Contribution ID: 15

Type: **not specified**

Validation of New Geometry: HitMap

Friday, 15 August 2014 09:00 (1 hour)

Presenter: Mr ZHENG, xiangyu

Contribution ID: **16**

Type: **not specified**

Q - A

Contribution ID: 17

Type: **not specified**

Q - A

Friday, 15 August 2014 14:00 (3 hours)

Contribution ID: 18

Type: **not specified**

Outline of the training: bkgrd, motivation and perspective

Monday, 11 August 2014 09:20 (10 minutes)

Presenter: Mr RUAN, Manqi (IHEP)

Contribution ID: **19**

Type: **not specified**

Group Photo

Monday, 11 August 2014 09:30 (10 minutes)

Contribution ID: 20

Type: **not specified**

CEPC: Higgs Measurements and Detector Design

Monday, 11 August 2014 09:40 (50 minutes)

Presenter: Mr RUAN, Manqi (IHEP)

Contribution ID: 21

Type: **not specified**

Geant 4 Geometry editing

Tuesday, 12 August 2014 14:00 (1h 20m)

Presenter: Mr XU, Yin (Nankai University)

Contribution ID: 22

Type: **not specified**

Discussion: Plan & Task sharing for software/simulation development

Tuesday, 12 August 2014 18:30 (2 hours)

Contribution ID: 23

Type: **not specified**

Review of Homework

Wednesday, 13 August 2014 09:00 (30 minutes)

Contribution ID: 24

Type: **not specified**

Mokka Data Base

Wednesday, 13 August 2014 14:00 (2 hours)

Contribution ID: 25

Type: **not specified**

Homework: Basic Mokka Operations

Wednesday, 13 August 2014 16:00 (30 minutes)

Contribution ID: 26

Type: **not specified**

Project: Create Mokka Module

Thursday, 14 August 2014 10:00 (2 hours)

Contribution ID: 27

Type: **not specified**

Project

Thursday, 14 August 2014 14:00 (1 hour)

Contribution ID: 28

Type: **not specified**

Briefing of future plan

Friday, 15 August 2014 10:00 (30 minutes)

Contribution ID: 29

Type: **not specified**

Farewell

Friday, 15 August 2014 10:30 (10 minutes)

Contribution ID: **30**

Type: **not specified**

Mokka Architecture

Tuesday, 12 August 2014 09:20 (1 hour)

Presenter: Ms BECHEVA, Emilia