

Instrumentation School in Particle, Nuclear and Medical Physics



science & innovation
Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to the School

Thursday, 24 August 2023 09:00 (30 minutes)

Presenter: MELLADO, Bruce (University of the Witwatersrand and iThemba LABS)

Session Classification: Lectures I

Contribution ID: 2

Type: **not specified**

Radiation Detection and Measurement I

Thursday, 24 August 2023 09:30 (1 hour)

Presenter: Prof. LYOUSSI, Abdallah (CEA, France)

Session Classification: Lectures I

Contribution ID: 3

Type: **not specified**

Radiation Detection and Measurement II

Thursday, 24 August 2023 11:00 (1 hour)

Presenter: Prof. LYOUSSI, Abdallah (CEA, France)

Session Classification: Lectures I

Contribution ID: 4

Type: **not specified**

Particle Physics Instrumentation

Thursday, 24 August 2023 13:30 (2 hours)

Presenter: Prof. BOHM, Christian (University of Stockholm)

Session Classification: Lectures I

Contribution ID: 5

Type: **not specified**

Introduction to Nuclear Medical Physics

Thursday, 24 August 2023 16:00 (1 hour)

Presenter: Dr LE DU, Patrick (CEA, France)

Session Classification: Lectures I

Contribution ID: 6

Type: **not specified**

Introduction to Silicon Detectors

Friday, 25 August 2023 10:00 (1 hour)

Presenter: Prof. GREGOR, Ingrid-Maria (DESY)

Session Classification: Lectures II

Contribution ID: 7

Type: **not specified**

Introduction to Tracking Detectors

Friday, 25 August 2023 09:00 (1 hour)

Presenter: STANITZKI, Marcel (DESY)

Session Classification: Lectures II

Contribution ID: 8

Type: **not specified**

Description of Exercise I

Friday, 25 August 2023 11:30 (1 hour)

Presenters: WENNLÖF, Håkan (DESY); DEL RIO VIERA, Manuel Alejandro (Deutsches Elektronen-Synchrotron (DESY))

Session Classification: Lectures II

Contribution ID: 9

Type: **not specified**

Electronics and Data Acquisition

Monday, 28 August 2023 09:00 (1 hour)

Presenter: JOOS, Markus (CERN)

Session Classification: Lectures III

Contribution ID: **10**

Type: **not specified**

Introduction to Gaseous Detectors

Monday, 28 August 2023 10:00 (1 hour)

Presenter: TITOV, Maksym (CEA Saclay Irfu)

Session Classification: Lectures III

Contribution ID: 11

Type: **not specified**

Description of Exercises II

Monday, 28 August 2023 12:30 (30 minutes)

Presenters: Dr JANSSENS, Djunes (CERN); Dr JEITLER, Manfred (CERN); Dr CAMERLINGO, Maria Teresa (CERN); Dr JOOS, Markus (CERN); Dr POESCHL, Roman (IJCLAB, France)

Session Classification: Lectures III

Contribution ID: 12

Type: **not specified**

Introduction to Calorimetry

Tuesday, 29 August 2023 09:00 (2 hours)

Presenter: Dr POESCHL, Roman (IJCLAB, France)

Session Classification: Lectures IV

Contribution ID: 13

Type: **not specified**

Photodetectors

Tuesday, 29 August 2023 11:30 (1 hour)

Presenter: Prof. NOMACHI, Masaharu (Osaka University)

Session Classification: Lectures IV

Contribution ID: 14

Type: **not specified**

Introduction to trigger systems

Monday, 28 August 2023 11:30 (1 hour)

Presenter: Prof. JEITLER, Manfred (CERN)

Session Classification: Lectures III

Contribution ID: 15

Type: **not specified**

Description of Exercise II 5

Friday, 25 August 2023 12:30 (30 minutes)

Presenter: Dr POESCHL, Roman (IJCLAB, France)

Session Classification: Lectures II

Contribution ID: **16**

Type: **not specified**

Team 1

Friday, 1 September 2023 14:00 (30 minutes)

Session Classification: Student Presentations

Contribution ID: 17

Type: **not specified**

Team 2

Friday, 1 September 2023 14:30 (30 minutes)

Session Classification: Student Presentations

Contribution ID: **18**

Type: **not specified**

Team 3

Friday, 1 September 2023 15:00 (30 minutes)

Session Classification: Student Presentations

Contribution ID: **19**

Type: **not specified**

Team 4

Friday, 1 September 2023 16:00 (30 minutes)

Session Classification: Student Presentations

Contribution ID: 20

Type: **not specified**

Team 5

Friday, 1 September 2023 16:30 (30 minutes)

Session Classification: Student Presentations