

**Advanced Graduate Lectures  
on practical Tools,  
Applications and Techniques  
in HEP**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Welcome

*Monday, 22 May 2023 09:00 (5 minutes)*

**Presenter:** OLAIYA, Emmanuel (STFC)

Contribution ID: 2

Type: **not specified**

## **Designing and running tracking detectors (Craig.Sawyer@stfc.ac.uk)**

*Tuesday, 23 May 2023 09:00 (55 minutes)*

**Presenter:** SAWYER, Craig (STFC)

Contribution ID: 3

Type: **not specified**

## **New directions in computing (stewart.martin-haugh@stfc.ac.uk)**

*Monday, 22 May 2023 09:10 (1h 55m)*

**Presenter:** MARTIN-HAUGH, Stewart (STFC)

Contribution ID: 4

Type: **not specified**

## **New directions in computing (stewart.martin-haugh@stfc.ac.uk)**

**Presenter:** MARTIN-HAUGH, Stewart (STFC)

Contribution ID: 5

Type: **not specified**

## **Machine Learning lectures and tutorial (emmanuel.olaiya@stfc.ac.uk)**

*Monday, 22 May 2023 14:00 (1h 40m)*

**Presenter:** OLAIYA, Emmanuel (STFC)

Contribution ID: 6

Type: **not specified**

## **Machine Learning lectures and tutorial (emmanuel.olaiya@stfc.ac.uk)**

*Monday, 22 May 2023 11:30 (55 minutes)*

**Presenter:** OLAIYA, Emmanuel (STFC)

Contribution ID: 7

Type: **not specified**

## **Machine Learning lectures and tutorial (emmanuel.olaiya@stfc.ac.uk)**

*Monday, 22 May 2023 16:00 (1h 30m)*

**Presenter:** OLAIYA, Emmanuel (STFC)



Contribution ID: 8

Type: **not specified**

**recording pw:**

Contribution ID: 9

Type: **not specified**

## **Data Acquisition (alessandro.thea@stfc.ac.uk)**

*Tuesday, 23 May 2023 10:00 (55 minutes)*

**Presenter:** THEA, Alessandro (STFC)

Contribution ID: **10**

Type: **not specified**

## **Trigger (Julie.Kirk@stfc.ac.uk)**

*Tuesday, 23 May 2023 11:30 (55 minutes)*

**Presenter:** KIRK, Julie (STFC)

Contribution ID: 11

Type: **not specified**

## **FPGA Programming lectures and tutorial (kristian.harder@stfc.ac.uk)**

*Tuesday, 23 May 2023 14:00 (1h 40m)*

**Presenter:** HARDER, Kristian (STFC)

Contribution ID: 12

Type: **not specified**

## **FPGA Programming lectures and tutorial (kristian.harder@stfc.ac.uk)**

*Tuesday, 23 May 2023 16:00 (1h 30m)*

**Presenter:** HARDER, Kristian (STFC)

Contribution ID: 13

Type: **not specified**

**Introductory lecture on UK HEP structure, funding,  
decision for future exp etc.  
(Dave.Newbold@stfc.ac.uk)**

*Wednesday, 24 May 2023 09:00 (55 minutes)*

**Presenter:** NEWBOLD, Dave (STFC)

Contribution ID: 14

Type: **not specified**

## **Designing and running tracking detectors (Craig.Sawyer@stfc.ac.uk)**

**Presenter:** SAWYER, Craig (STFC)

Contribution ID: 15

Type: **not specified**

## **Low background searches (pawel.majewski@stfc.ac.uk)**

*Wednesday, 24 May 2023 10:00 (55 minutes)*

**Presenter:** MAJEWSKI, Pawel (STFC)



Contribution ID: 16

Type: **not specified**

## **Monte-Carlo simulation lectures and tutorials (andy.buckley@cern.ch)**

*Wednesday, 24 May 2023 11:30 (55 minutes)*

**Presenter:** BUCKLEY, Andy (Glasgow University)

Contribution ID: 17

Type: **not specified**

## **Monte-Carlo simulation lectures and tutorials (andy.buckley@cern.ch)**

*Wednesday, 24 May 2023 14:00 (1h 40m)*

**Presenter:** BUCKLEY, Andi (Glasgow University)

Contribution ID: **18**

Type: **not specified**

## **Monte-Carlo simulation lectures and tutorials (andy.buckley@cern.ch)**

*Wednesday, 24 May 2023 16:00 (1h 30m)*

**Presenter:** BUCKLEY, Andy (Glasgow University)

Contribution ID: 19

Type: **not specified**

## **Simulation (Ben Smart@stfc.ac.uk)**

*Thursday, 25 May 2023 09:00 (1h 55m)*

**Presenter:** SMART, Ben (STFC)

Contribution ID: 20

Type: **not specified**

## **Hands-on Statistics (Tim.Adye@stfc.ac.uk, Will.Buttinger@stfc.ac.uk)**

*Thursday, 25 May 2023 11:30 (55 minutes)*

**Presenters:** ADYE, Tim (STFC); BUTTINGER, William (STFC)

Contribution ID: 21

Type: **not specified**

## **Hands-on Statistics (Tim.Adye@stfc.ac.uk, Will.Buttinger@stfc.ac.uk)**

*Thursday, 25 May 2023 14:00 (1h 40m)*

**Presenters:** ADYE, Tim (STFC); BUTTINGER, William (STFC)

Contribution ID: 22

Type: **not specified**

## **Hands-on Statistics (Tim.Adye@stfc.ac.uk, Will.Buttinger@stfc.ac.uk)**

*Thursday, 25 May 2023 16:00 (1h 30m)*

**Presenters:** ADYE, Tim (STFC); BUTTINGER, William (STFC)

Contribution ID: 23

Type: **not specified**

## **Designing and running calorimeters (David.Petyt@stfc.ac.uk)**

*Friday, 26 May 2023 09:00 (55 minutes)*

**Presenter:** PETYT, David (STFC)



Contribution ID: 24

Type: **not specified**

## **Designing and running particle identification detectors (antonis.papanestis@stfc.ac.uk)**

*Friday, 26 May 2023 10:00 (55 minutes)*

**Presenter:** PAPANESTIS, Antonis (STFC)

Contribution ID: 25

Type: **not specified**

## **Useful things to know about accelerators (Chris.Rogers@stfc.ac.uk)**

*Friday, 26 May 2023 11:30 (55 minutes)*

**Presenter:** ROGERS, Chris (STFC)

Contribution ID: 26

Type: **not specified**

## **Useful things to know about accelerators (Chris.Rogers@stfc.ac.uk)**

*Friday, 26 May 2023 13:30 (55 minutes)*

**Presenter:** ROGERS, Chris (STFC)

Contribution ID: 27

Type: **not specified**

## Good-bye and departure

*Friday, 26 May 2023 14:30 (5 minutes)*