

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

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

**recording pw: 0ha%?v6A**

*Monday, 7 June 2021 08:59 (1 minute)*

Contribution ID: 2

Type: **not specified**

## Welcome

*Monday, 7 June 2021 09:00 (10 minutes)*

**Presenter:** WIELERS, Monika (STFC)

Contribution ID: 3

Type: **not specified**

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

*Monday, 7 June 2021 09:10 (1 hour)*

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

Contribution ID: 4

Type: **not specified**

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

*Monday, 7 June 2021 10:15 (1 hour)*

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

Contribution ID: 5

Type: **not specified**

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

*Monday, 7 June 2021 11:30 (1 hour)*

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

Contribution ID: 6

Type: **not specified**

**recording pw: =.91leZj**

*Tuesday, 8 June 2021 08:59 (1 minute)*

Contribution ID: 7

Type: **not specified**

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

*Tuesday, 8 June 2021 09:00 (1 hour)*

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



Contribution ID: 8

Type: **not specified**

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

*Tuesday, 8 June 2021 10:05 (1 hour)*

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

Contribution ID: 9

Type: **not specified**

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

*Tuesday, 8 June 2021 11:25 (1 hour)*

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

Contribution ID: **10**

Type: **not specified**

**recording pw: JEd7B8D+**

*Wednesday, 9 June 2021 08:59 (1 minute)*

Contribution ID: 11

Type: **not specified**

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

*Wednesday, 9 June 2021 09:00 (3h 30m)*

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

Contribution ID: 12

Type: **not specified**

**recording pw: JXF@E2f9**

*Thursday, 10 June 2021 08:59 (1 minute)*

Contribution ID: 13

Type: **not specified**

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

*Thursday, 10 June 2021 09:00 (2h 5m)*

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

Contribution ID: 14

Type: **not specified**

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

*Thursday, 10 June 2021 11:25 (1 hour)*

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

Contribution ID: 15

Type: **not specified**

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

*Friday, 11 June 2021 09:00 (3h 30m)*

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



Contribution ID: 16

Type: **not specified**

**recording pw: \$Cg+Qbg1**

*Monday, 14 June 2021 08:59 (1 minute)*

Contribution ID: 17

Type: **not specified**

**New directions in computing  
(stewart.martin-haugh@stfc.ac.uk) (postponed to  
Thursday at 13:30)**

*Monday, 14 June 2021 09:00 (2h 5m)*

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

Contribution ID: **18**

Type: **not specified**

## **Introduction to Monte-Carlo simulations (andy.buckley@cern.ch)**

*Monday, 14 June 2021 11:25 (1 hour)*

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

Contribution ID: 19

Type: **not specified**

**recording pw: K6?dz.&\***

*Tuesday, 15 June 2021 08:59 (1 minute)*

Contribution ID: 20

Type: **not specified**

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

*Tuesday, 15 June 2021 09:00 (3h 30m)*

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

Contribution ID: 21

Type: **not specified**

**recording pw: pwPQx.78**

*Wednesday, 16 June 2021 08:59 (1 minute)*

Contribution ID: 22

Type: **not specified**

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

*Wednesday, 16 June 2021 09:00 (1 hour)*

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

Contribution ID: 23

Type: **not specified**

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

*Wednesday, 16 June 2021 10:05 (1 hour)*

**Presenters:** ADYE, Tim (STFC); BUTTINGER, Will (RAL)



Contribution ID: 24

Type: **not specified**

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

*Wednesday, 16 June 2021 11:25 (1 hour)*

**Presenters:** ADYE, Tim (STFC); BUTTINGER, Will (RAL)

Contribution ID: 25

Type: **not specified**

**recording pw: 1%qhjQ\*B (morning), dV4kj!6s  
(afternoon)**

*Thursday, 17 June 2021 08:59 (1 minute)*

Contribution ID: 26

Type: **not specified**

## **Statistics tutorial (Tim.Adye@stfc.ac.uk, Will Buttinger@stfc.ac.uk)**

**Presenters:** ADYE, Tim (STFC); BUTTINGER, Will (RAL)

Contribution ID: 27

Type: **not specified**

**recording pw: uK\$FB6cH**

*Friday, 18 June 2021 08:59 (1 minute)*

Contribution ID: 28

Type: **not specified**

## **Low background searches (Asher.Kaboth@rhul.ac.uk)**

**Presenter:** KABOTH, Asher (STFC)

Contribution ID: 29

Type: **not specified**

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

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

Contribution ID: 30

Type: **not specified**

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

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

Contribution ID: 31

Type: **not specified**

## Wrap-up

*Friday, 18 June 2021 12:25 (5 minutes)*

**Presenter:** WIELERS, Monika (STFC)



Contribution ID: 32

Type: **not specified**

## **Low background searches (Asher.Kaboth@rhul.ac.uk)**

*Thursday, 17 June 2021 09:00 (1 hour)*

**Presenter:** KABOTH, Asher (STFC)

Contribution ID: 33

Type: **not specified**

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

*Thursday, 17 June 2021 10:05 (1 hour)*

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

Contribution ID: 34

Type: **not specified**

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

*Thursday, 17 June 2021 11:25 (1 hour)*

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

Contribution ID: 35

Type: **not specified**

## **Statistics tutorial (Will.Buttinger@stfc.ac.uk, Tim.Adye@stfc.ac.uk)**

*Friday, 18 June 2021 09:00 (3h 25m)*

**Presenters:** BUTTINGER, Will (RAL); ADYE, Tim (STFC)

Contribution ID: 36

Type: **not specified**

**recording pw: t#Az^3Hr**

*Friday, 11 June 2021 08:59 (1 minute)*

Contribution ID: 37

Type: **not specified**

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

*Thursday, 17 June 2021 13:30 (2 hours)*

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