

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

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, 11 May 2020 09:00 (10 minutes)

Presenter: WIELERS, Monika (STFC)

Contribution ID: 2

Type: **not specified**

Simulation (Ben Smart@stfc.ac.uk)

Thursday, 14 May 2020 09:00 (2 hours)

Presenter: SMART, Ben (STFC)

Contribution ID: 3

Type: **not specified**

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

Monday, 11 May 2020 09:10 (1 hour)

Presenter: PETYT, David (STFC)

Contribution ID: 4

Type: **not specified**

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

Thursday, 14 May 2020 13:30 (1 hour)

Presenter: SAWYER, Craig (STFC)

Contribution ID: 5

Type: **not specified**

Designing and running calorimeters

Presenter: PETYT, David (STFC)

Contribution ID: 6

Type: **not specified**

Designing and running tracking detectors

Presenter: SAWYER, Craig (STFC)

Contribution ID: 7

Type: **not specified**

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

Friday, 15 May 2020 10:00 (1 hour)

Presenter: ROGERS, Chris (STFC)

Contribution ID: 8

Type: **not specified**

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

Wednesday, 13 May 2020 11:20 (1 hour)

Presenter: KABOTH, Asher (RAL/RHUL)

Contribution ID: 9

Type: **not specified**

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

Wednesday, 13 May 2020 09:00 (2 hours)

Presenter: MARTIN-HAUGH, Stewart (STFC)

Contribution ID: **10**

Type: **not specified**

New directions in computing

Presenter: MARTIN-HAUGH, Stewart (STFC)

Contribution ID: 11

Type: **not specified**

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

Friday, 15 May 2020 09:00 (1 hour)

Presenter: NEWBOLD, Dave (STFC)

Contribution ID: 12

Type: **not specified**

Wrap-up (Monika.Wielers@stfc.ac.uk)

Friday, 15 May 2020 12:20 (5 minutes)

Presenter: WIELERS, Monika (STFC)

Contribution ID: 13

Type: **not specified**

Data acquisition

Presenter: THEA, Alessandro (STFC)

Session Classification: Trigger and Data Acquisition

Contribution ID: 14

Type: **not specified**

Trigger

Presenter: KIRK, Julie (STFC)

Session Classification: Trigger and Data Acquisition

Contribution ID: 15

Type: **not specified**

FPGA programming (with tutorial part)

Presenter: HARDER, Kristian

Session Classification: Trigger and Data Acquisition

Contribution ID: 16

Type: **not specified**

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

Thursday, 14 May 2020 11:20 (1 hour)

Presenter: PAPANESTIS, Antonis (STFC)

Contribution ID: 17

Type: **not specified**

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

Friday, 15 May 2020 11:20 (1 hour)

Presenter: ROGERS, Chris (STFC)

Contribution ID: 18

Type: **not specified**

Introduction to Machine Learning (emmanuel.olaiya@stfc.ac.uk)

Monday, 11 May 2020 10:30 (1 hour)

A more detailed lectures series on machine learning will be starting soon at RAL and you are invited to join. They will happen on Thursday 21 and 28 at 9:30-12:30 and on June 11 at 14:00-17:00. Please sign-up using the participants button in the first agenda page

<https://indico.stfc.ac.uk/event/169/>

<https://indico.stfc.ac.uk/event/170/>

<https://indico.stfc.ac.uk/event/171/>

Presenter: OLAIYA, Manny (RAL)

Contribution ID: 19

Type: **not specified**

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

Tuesday, 12 May 2020 09:00 (1 hour)

Presenter: THEA, Alessandro (STFC)

Contribution ID: 20

Type: **not specified**

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

Tuesday, 12 May 2020 10:00 (1 hour)

Presenter: KIRK, Julie (STFC)

Contribution ID: 21

Type: **not specified**

FPGA Programming (kristian.harder@stfc.ac.uk)

Tuesday, 12 May 2020 13:30 (1 hour)

Presenter: HARDER, Kristian (RAL - STFC)

Contribution ID: 22

Type: **not specified**

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

Tuesday, 12 May 2020 11:20 (1 hour)

Presenter: BUCKLEY, Andy (University of Glasgow)

Contribution ID: 23

Type: **not specified**

Hands-on Statistics (Tim.Adye@stfc.ac.uk)

Monday, 11 May 2020 12:30 (1 hour)

Presenter: ADYE, Tim (STFC)

Contribution ID: 24

Type: **not specified**

Lunch

Contribution ID: 25

Type: **not specified**

Recording pw: 1S^%z*B=

Monday, 11 May 2020 08:59 (1 minute)

Contribution ID: 26

Type: **not specified**

recording pw: 1u?0D9C1

Tuesday, 12 May 2020 08:59 (1 minute)

Contribution ID: 27

Type: **not specified**

recording pw: 9k*R@!?!+

Wednesday, 13 May 2020 08:59 (1 minute)

Contribution ID: 28

Type: **not specified**

recording pw: 0m?+%#97

Thursday, 14 May 2020 08:59 (1 minute)

Contribution ID: 29

Type: **not specified**

recording pw: 1T\$==6EY

Friday, 15 May 2020 08:59 (1 minute)