

Terascale Statistics School 2026

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Registration

Monday 23 February 2026 13:30 (25 minutes)

Contribution ID: 2

Type: **not specified**

Opening (Welcome)

Monday 23 February 2026 13:55 (5 minutes)

Presenters: HINZMANN, Andreas (CMS (CMS Fachgruppe Searches)); BEHNKE, Olaf (CMS (CMS Fachgruppe TOP))

Contribution ID: 3

Type: **not specified**

Basics: Probabilities, fundamental distributions, Central Limit Theorem etc. (Lecture)

Monday 23 February 2026 14:00 (1h 30m)

Presenter: BARLOW, Roger (Huddersfield)

Session Classification: :

Contribution ID: 4

Type: **not specified**

Hypothesis Testing - Intro (Lecture + Tutorial)

Monday 23 February 2026 16:00 (2 hours)

Presenter: COWAN, Glen (RHUL)

Session Classification: :

Contribution ID: 5

Type: **not specified**

Parameter Estimation (Lecture)

Tuesday 24 February 2026 09:00 (1h 30m)

Presenter: BARLOW, Roger (Huddersfield)

Session Classification: :

Contribution ID: 6

Type: **not specified**

Parameter Estimation (Tutorial)

Tuesday 24 February 2026 11:00 (1h 30m)

Author: COWAN, Glen (RHUL)

Presenter: COWAN, Glen (RHUL)

Session Classification: :

Contribution ID: 7

Type: **not specified**

Hypothesis Testing - Limit Setting (Lecture + Tutorial)

Tuesday 24 February 2026 14:00 (1h 30m)

Presenter: COWAN, Glen (RHUL)

Session Classification: :

Contribution ID: 8

Type: **not specified**

Hypothesis Testing - Limit Setting (Lecture + Tutorial)

Tuesday 24 February 2026 16:00 (1h 30m)

Presenter: COWAN, Glen (RHUL)

Session Classification: :

Contribution ID: 9

Type: **not specified**

Bayesian Parameter Estimation (Lecture + Tutorial)

Wednesday 25 February 2026 09:00 (1h 30m)

Presenter: COWAN, Glen (RHUL)

Session Classification: :

Contribution ID: **10**

Type: **not specified**

Systematic Uncertainties (Lecture)

Wednesday 25 February 2026 11:00 (1h 30m)

Presenter: BARLOW, Roger (Huddersfield)

Session Classification: :

Contribution ID: **11**

Type: **not specified**

Errors on Errors (Lecture + Tutorial)

Wednesday 25 February 2026 14:00 (1h 30m)

Presenter: COWAN, Glen (RHUL)

Session Classification: :

Contribution ID: 12

Type: **not specified**

**To be decided end of January: Either overflow
session for Glen Cowan's Tutorials or first lecture
slot on Machine Learning, by Stephen Jiggins**

Wednesday 25 February 2026 16:00 (1h 30m)

Presenter: COWAN, Glen (RHUL)

Session Classification: :

Contribution ID: **13**

Type: **not specified**

Machine Learning I (Lecture + Tutorial)

Thursday 26 February 2026 09:00 (1h 30m)

Presenter: JIGGINS, Stephen (ATLAS (ATLAS-Experiment))

Session Classification: :

Contribution ID: **14**

Type: **not specified**

Machine Learning II (Lecture + Tutorial)

Thursday 26 February 2026 11:00 (1h 30m)

Presenter: JIGGINS, Stephen (ATLAS (ATLAS-Experiment))

Session Classification: :

Contribution ID: 15

Type: **not specified**

Unfolding I (Lecture + Tutorial)

Thursday 26 February 2026 14:00 (1h 30m)

Authors: BRENNER, Lydia (DESY); BRENNER, Lydia (Nikhef)

Presenters: BRENNER, Lydia (DESY); BRENNER, Lydia (Nikhef)

Session Classification: :

Contribution ID: **16**

Type: **not specified**

Unfolding II (Lecture + Tutorial)

Thursday 26 February 2026 16:00 (1h 30m)

Authors: BRENNER, Lydia (DESY); BRENNER, Lydia (Nikhef)

Presenters: BRENNER, Lydia (DESY); BRENNER, Lydia (Nikhef)

Session Classification: :

Contribution ID: 17

Type: **not specified**

Machine Learning III (Lecture + Tutorial)

Friday 27 February 2026 09:00 (1h 30m)

Presenter: JIGGINS, Stephen (ATLAS (ATLAS-Experiment))

Session Classification: :

Contribution ID: **18**

Type: **not specified**

Machine Learning IV (Lecture + Tutorial)

Friday 27 February 2026 11:00 (1h 30m)

Author: JIGGINS, Stephen (ATLAS (ATLAS-Experiment))

Presenter: JIGGINS, Stephen (ATLAS (ATLAS-Experiment))

Session Classification: :

Contribution ID: **19**

Type: **not specified**

Closing of the School

Friday 27 February 2026 12:30 (10 minutes)

Presenters: HINZMANN, Andreas (CMS (CMS Fachgruppe Searches)); BEHNKE, Olaf (CMS (CMS Fachgruppe TOP))

Session Classification: :