

**Advanced Artificial
Intelligence for Precision
High Energy Physics**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Machine Learning

Monday 14 July 2025 09:00 (2 hours)

Presenter: CRANMER, Miles

Contribution ID: 2

Type: **not specified**

Quantum Chromodynamics

Monday 14 July 2025 11:30 (2 hours)

Presenter: VAN BEEKVELD, Melissa Corona (Nikhef National institute for subatomic physics (NL))

Contribution ID: 3

Type: **not specified**

Tutorial 1

Monday 14 July 2025 15:00 (2h 30m)

Contribution ID: 4

Type: **not specified**

Machine Learning

Tuesday 15 July 2025 09:00 (2 hours)

Presenter: CRANMER, Miles

Contribution ID: 5

Type: **not specified**

Quantum Chromodynamics

Tuesday 15 July 2025 11:30 (2 hours)

Presenter: VAN BEEKVELD, Melissa Corona (Nikhef National institute for subatomic physics (NL))

Contribution ID: 6

Type: **not specified**

Tutorial 2

Tuesday 15 July 2025 15:00 (2h 30m)

Contribution ID: 7

Type: **not specified**

Machine Learning

Wednesday 16 July 2025 09:00 (2 hours)

Presenter: CRANMER, Miles

Contribution ID: 8

Type: **not specified**

Quantum Chromodynamics

Wednesday 16 July 2025 11:30 (2 hours)

Presenter: VAN BEEKVELD, Melissa Corona (Nikhef National institute for subatomic physics (NL))

Contribution ID: 9

Type: **not specified**

Tutorial 3

Wednesday 16 July 2025 15:00 (2h 30m)

Contribution ID: **10**

Type: **not specified**

Machine Learning

Thursday 17 July 2025 09:00 (2 hours)

Presenter: CRANMER, Miles

Contribution ID: 11

Type: **not specified**

Quantum Chromodynamics

Thursday 17 July 2025 11:30 (2 hours)

Presenter: VAN BEEKVELD, Melissa Corona (Nikhef National institute for subatomic physics (NL))

Contribution ID: 12

Type: **not specified**

Tutorial 4

Thursday 17 July 2025 15:00 (2h 30m)

Contribution ID: 13

Type: **not specified**

Machine Learning

Friday 18 July 2025 09:00 (2 hours)

Presenter: CRANMER, Miles

Contribution ID: 14

Type: **not specified**

Quantum Chromodynamics

Friday 18 July 2025 11:30 (2 hours)

Presenter: VAN BEEKVELD, Melissa Corona (Nikhef National institute for subatomic physics (NL))

Contribution ID: 15

Type: **not specified**

Tutorial 5

Friday 18 July 2025 15:00 (2h 30m)

Contribution ID: 16

Type: **not specified**

Data science and data analysis

Monday 21 July 2025 09:00 (2 hours)

Presenter: GOLLING, Tobias (Universite de Geneve (CH))

Contribution ID: 17

Type: **not specified**

Quantum computing and quantum machine learning

Monday 21 July 2025 11:30 (2 hours)

Presenter: Prof. LATORRE, José Ignacio (Universitat Barcelona)

Contribution ID: **18**

Type: **not specified**

Tutorial 6

Monday 21 July 2025 15:00 (2h 30m)

Contribution ID: 19

Type: **not specified**

Data science and data analysis

Tuesday 22 July 2025 09:00 (2 hours)

Presenter: GOLLING, Tobias (Universite de Geneve (CH))

Contribution ID: 20

Type: **not specified**

Quantum computing and quantum machine learning

Tuesday 22 July 2025 11:30 (2 hours)

Presenter: Prof. LATORRE, José Ignacio (Universitat Barcelona)

Contribution ID: 21

Type: **not specified**

Tutorial 7

Tuesday 22 July 2025 15:00 (2h 30m)

Contribution ID: 22

Type: **not specified**

Data science and data analysis

Wednesday 23 July 2025 09:00 (2 hours)

Presenter: GOLLING, Tobias (Universite de Geneve (CH))

Contribution ID: 23

Type: **not specified**

Quantum computing and quantum machine learning

Wednesday 23 July 2025 11:30 (2 hours)

Presenter: Prof. LATORRE, José Ignacio (Universitat Barcelona)

Contribution ID: 24

Type: **not specified**

Tutorial 8

Wednesday 23 July 2025 15:00 (1h 30m)

Contribution ID: 25

Type: **not specified**

Data science and data analysis

Thursday 24 July 2025 09:00 (2 hours)

Presenter: GOLLING, Tobias (Universite de Geneve (CH))

Contribution ID: 26

Type: **not specified**

Quantum computing and quantum machine learning

Thursday 24 July 2025 11:30 (2 hours)

Presenter: Prof. LATORRE, José Ignacio (Universitat Barcelona)

Contribution ID: 27

Type: **not specified**

Tutorial 9

Thursday 24 July 2025 15:00 (1h 30m)

Contribution ID: 28

Type: **not specified**

Data science and data analysis

Friday 25 July 2025 09:00 (2 hours)

Presenter: GOLLING, Tobias (Universite de Geneve (CH))

Contribution ID: 29

Type: **not specified**

Quantum computing and quantum machine learning

Friday 25 July 2025 11:30 (2 hours)

Presenter: Prof. LATORRE, José Ignacio (Universitat Barcelona)

Contribution ID: **30**

Type: **not specified**

Tutorial 10

Friday 25 July 2025 15:00 (2h 30m)