Artificial intelligence for High Energy Physics

Report of Contributions

Contribution ID: **1** Type: **not specified**

Lecture 1 - Machine Learning for theoretical physics

Tuesday 10 June 2025 10:00 (1 hour)

Presenter: Prof. CARLEO (EPFL), Giuseppe

Contribution ID: **2**   Type: **not specified**

Lecture 2 - Machine Learning for theoretical physics

Tuesday 10 June 2025 12:00 (1 hour)

Presenter: Prof. CARLEO, Giuseppe

Contribution ID: **3**　　　　　　　　　　　　　　　　　　Type: **not specified**

Hands-on tutorial: part I

Tuesday 10 June 2025 14:30 (2 hours)

Presenter: Dr VITERITTI (EPFL), Luciano

Contribution ID: 4
Type: **not specified**

Lecture 3 - Machine Learning for theoretical physics

Wednesday 11 June 2025 10:00 (1 hour)

Presenter: Prof. CARLEO, Giuseppe

Contribution ID: **5**　　　　　　　　　　　　　　　Type: **not specified**

Lecture 4 - Machine Learning for theoretical physics

Wednesday 11 June 2025 11:30 (1 hour)

Presenter:　Prof. CARLEO, Giuseppe

Contribution ID: **6**   Type: **not specified**

Hands-on tutorial: part II

Wednesday 11 June 2025 14:30 (2 hours)

Presenter: Dr VITERITTI, Luciano Loris

Contribution ID: **7**　　　　　　　　　　　　　　　　　Type: **not specified**

Lecture 5 - Machine Learning for theoretical physics

Thursday 12 June 2025 10:00 (1 hour)

Presenter:　Prof. CARLEO, Giuseppe

Contribution ID: **8**   Type: **not specified**

Lecture 6 - Machine Learning for theoretical physics

Friday 13 June 2025 10:00 (1 hour)

Presenter: Prof. CARLEO, Giuseppe

Contribution ID: **9** Type: **not specified**

Discussion

Thursday 12 June 2025 11:30 (1 hour)

Presenter: OLIVEIRA, Julio

Contribution ID: **10**   Type: **not specified**

Discussion

Friday 13 June 2025 11:30 (1 hour)

Contribution ID: **11**　　　　　　　　　　　　　　Type: **not specified**

Discussion

Thursday 12 June 2025 14:30 (2 hours)

Contribution ID: **12** Type: **not specified**

Hands-on tutorial: part III

Monday 16 June 2025 10:00 (1 hour)

Presenter: Dr DENIS (EFPL), Zakari

Contribution ID: **13** Type: **not specified**

Coffee break

Contribution ID: 14　　　　　　　　　　　　　　　　　　　　　Type: **not specified**

Hands-on tutorial: part IV

Monday 16 June 2025 11:30 (1 hour)

Presenter: DENIS, Zakari

Contribution ID: **15**　　　　　　　　　　　　　　　　　　　Type: **not specified**

Discussion :: WP3 ::

Monday 16 June 2025 14:30 (2 hours)

Contribution ID: **16** Type: **not specified**

Hands- on tutorial: part V

Tuesday 17 June 2025 10:00 (1 hour)

Presenter: Dr DENIS, Zakari

Contribution ID: 17　　　　　　　　　　　　　　　　　　Type: **not specified**

Hands-on tutorial: part VI

Tuesday 17 June 2025 11:30 (1 hour)

Presenter: Dr DENIS, Zakari

Contribution ID: **18**   Type: **not specified**

Discussion: On the heavy spectrum of holographic CFTs

Tuesday 17 June 2025 14:30 (1 hour)

Presenter: SERRANO, Filipe

Contribution ID: **19**　　　　　　　　　　　　　　　　　　　Type: **not specified**

Holographic correlators - part I

Wednesday 18 June 2025 10:00 (1 hour)

Presenter: Dr APRILE, Francesco

Contribution ID: **20**   Type: **not specified**

S-matrix bootstrap and machine learning

Thursday 19 June 2025 10:00 (1 hour)

Presenter: Dr TOURKINE, Piotr

Contribution ID: **21**   Type: **not specified**

Discussion

Thursday 19 June 2025 14:30 (2 hours)

Contribution ID: **22**   Type: **not specified**

Discussion

Wednesday 18 June 2025 14:30 (2 hours)

Contribution ID: **23**　　　　　　　　　　　　　　　Type: **not specified**

Holographic Correlators - part II

Wednesday 18 June 2025 11:30 (1 hour)

Presenter: FERNANDES, Bruno

Contribution ID: 24 Type: **not specified**

S-matrix bootstrap and machine learning

Thursday 19 June 2025 11:30 (1 hour)

Contribution ID: **25**   Type: **not specified**

Final Discussion

Friday 20 June 2025 10:00 (1h 30m)