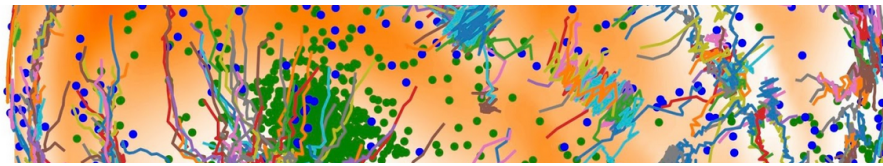


IWR School on Machine Learning for Fundamental Physics



Report of Contributions

Contribution ID: 3

Type: **not specified**

Lecture 1

Monday, 15 September 2025 09:00 (1h 30m)

Presenter: AARRESTAD, Thea (ETH Zurich)

Session Classification: Lecture: New and cool ML in particle experiment

Contribution ID: 4

Type: **not specified**

Lecture 2

Monday, 15 September 2025 16:30 (1h 30m)

Presenter: AARRESTAD, Thea (ETH Zurich)

Session Classification: Lecture: New and cool ML in particle experiment

Contribution ID: 5

Type: **not specified**

Lecture 3

Tuesday, 16 September 2025 09:00 (1h 30m)

Presenter: AARRESTAD, Thea (ETH Zurich)

Session Classification: Lecture: New and cool ML in particle experiment

Contribution ID: 6

Type: **not specified**

Lecture 1

Monday, 15 September 2025 14:00 (1h 30m)

Presenter: SHIH, David (Rutgers University)

Session Classification: Lecture: AI between particle physics and astrophysics

Contribution ID: 7

Type: **not specified**

Lecture 2

Tuesday, 16 September 2025 14:00 (1h 30m)

Presenter: SHIH, David (Rutgers University)

Session Classification: Lecture: AI between particle physics and astrophysics

Contribution ID: 8

Type: **not specified**

Lecture 3

Wednesday, 17 September 2025 11:00 (1h 30m)

Presenter: SHIH, David (Rutgers University)

Session Classification: Lecture: AI between particle physics and astrophysics

Contribution ID: 9

Type: **not specified**

Lecture 1

Monday, 15 September 2025 11:00 (1h 30m)

Presenter: WINTERHALDER, Ramon (University of Milan)

Session Classification: Lecture: Generative networks intro and particle physics

Contribution ID: **10**

Type: **not specified**

Lecture 2

Tuesday, 16 September 2025 11:00 (1h 30m)

Presenter: WINTERHALDER, Ramon (University of Milan)

Session Classification: Lecture: Generative networks intro and particle physics

Contribution ID: **11**

Type: **not specified**

Lecture 3

Wednesday, 17 September 2025 16:30 (1h 30m)

Presenter: WINTERHALDER, Ramon (University of Milan)

Session Classification: Lecture: Generative networks intro and particle physics

Contribution ID: 14

Type: **not specified**

Lecture 1

Wednesday, 17 September 2025 09:00 (1h 30m)

Presenter: MALTE SCHÄFER, Björn (Heidelberg University)

Session Classification: Lecture: Statistical methods and ML

Contribution ID: **15**

Type: **not specified**

Lecture 1

Wednesday, 17 September 2025 14:00 (1h 30m)

Presenter: SANZ, Veronica (University of Valencia)

Session Classification: Lecture: AI-applications for and beyond theoretical physics

Contribution ID: **16**

Type: **not specified**

Lecture 2

Thursday, 18 September 2025 10:00 (1h 30m)

Presenter: SANZ, Veronica (University of Valencia)

Session Classification: Lecture: AI-applications for and beyond theoretical physics

Contribution ID: 17

Type: **not specified**

Lecture 1

Thursday, 18 September 2025 13:30 (1h 30m)

Presenter: KAGAN, Michael (SLAC)

Session Classification: Lecture: Foundation Models and Representation Learning

Contribution ID: **18**

Type: **not specified**

Lecture 1

Thursday, 18 September 2025 15:30 (1h 30m)

Presenter: HALVERSON, Jim (Northeastern University)

Session Classification: Lecture: NN=FT –Architecture is all you need

Contribution ID: **19**

Type: **not specified**

Lecture 2

Friday, 19 September 2025 09:00 (1h 30m)

Presenter: KAGAN, Michael (SLAC)

Session Classification: Lecture: Foundation Models and Representation Learning

Contribution ID: **20**

Type: **not specified**

Lecture 2

Friday, 19 September 2025 11:00 (1h 30m)

Presenter: MALTE SCHÄFER, Björn (Heidelberg University)

Session Classification: Lecture: Statistical methods and ML

Contribution ID: 21

Type: **not specified**

Lecture 2

Friday, 19 September 2025 14:00 (1h 30m)

Presenter: HALVERSON, Jim (Northeastern University)

Session Classification: Lecture: NN=FT –Architecture is all you need