

Session Program

11-18 Apr 2023



Eighth Machine Learning in High Energy Physics Summer School 2023

Lecture

Erice
Erice, Italy

Tuesday 11 April

10:00

Lecture: Recap: Pytorch + CNN + RNN

Session | **Location:** Erice, Erice, Italy | **Convenor:** Andrey Ustyuzhanin

11:30

14:00

Lecture: Transformers

Session | **Location:** Erice, Erice, Italy | **Convenor:** Andrey Ustyuzhanin

15:30

Wednesday 12 April

09:30

Lecture: GNNs

Session | **Location:** Erice, Erice, Italy | **Convener:** Dr Nikita Kazeev

11:00

14:00

Lecture: Anomaly detection

Session | **Location:** Erice, Erice, Italy | **Convener:** Andrey Ustyuzhanin

15:30

Thursday 13 April

11:20

Lecture: GANs

Session | Location: Erice, Erice, Italy | Convener: Artem Maevskiy

13:00

16:00

Lecture: VAEs

Session | Location: Erice, Erice, Italy | Convener: Artem Maevskiy

17:30

Friday 14 April

09:30

11:00

Lecture: Normalizing Flows

Session | **Location:** Erice, Erice, Italy | **Convenor:** Artem Maevskiy

Saturday 15 April

09:30

11:00

Lecture: Black box optimization, Bayesian Optimization

Session | **Location:** Erice, Erice, Italy | **Convenor:** Andrey Ustyuzhanin

Sunday 16 April

09:30

11:00

Lecture: Interpretability

Session | **Location:** Erice, Erice, Italy | **Convenor:** Dr Nikita Kazeev

Monday 17 April

09:30

Lecture: Neural ODE

Session | Location: Erice, Erice, Italy | Convener: Dr Nikita Kazeev

11:00

14:00

Lecture: LNN, HNN

Session | Location: Erice, Erice, Italy | Convener: Artem Maevskiy

15:30