

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

11:30

14:00

15:30

Lecture: Recap: Pytorch + CNN + RNN

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

Lecture: Transformers

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

Wednesday 12 April

09:30

11:00

14:00

15:30

Lecture: GNNs

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

Lecture: Anomaly detection

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

Thursday 13 April

11:20

13:00

16:00

17:30

Lecture: GANs

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

Lecture: VAEs

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

Friday 14 April

09:30

11:00

Lecture: Normalizing Flows

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

Saturday 15 April

09:30

11:00

Lecture: Black box optimization, Bayesian Optimization

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

Sunday 16 April

09:30

11:00

Lecture: Interpretability

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

Monday 17 April

09:30

11:00

14:00

15:30

Lecture: Neural ODE

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

Lecture: LNN, HNN

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