

## **Session Program**

**11-18 Apr 2023**



# **Eighth Machine Learning in High Energy Physics Summer School 2023**

## ***Seminar***

Erice  
Erice, Italy

## Tuesday 11 April

11:50

13:00

### Seminar: Recap: Pytorch + CNN + RNN

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

16:00

17:30

### Seminar: Transformers

**Session** | **Location:** Erice, Erice, Italy | **Convener:** Ekaterina Trofimova

17:30

19:00

### Seminar: iceCube-intro

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

## Wednesday 12 April

11:20

13:00

### Seminar: GNNs

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

## Thursday 13 April

09:30

### Seminar: Anomaly detection

**Session** | **Location:** Erice, Erice, Italy | **Convener:** Ekaterina Trofimova

11:00

14:00

### Seminar: GANs

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

15:30

17:30

### Seminar: VAEs

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

19:00

## Saturday 15 April

11:20

13:00

### **Seminar: Black box optimization, Bayesian Optimization**

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

## Sunday 16 April

11:30

13:00

### Seminar: Interpretability

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

## Monday 17 April

11:20

13:00

16:00

17:30

### Seminar: NeuralODE

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

### Seminar: LNN, HNN

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