

## **Session Program**

24-29 Mar 2025

「宇宙線空気シャワー観測によるマルチメッセンジャー天文学の推進」研究会 **Workshop for accelerating multi-messenger astronomy using air shower observations**

***Hans-on Practice for Machine Learning***

## Wednesday 26 March

13:30

### Hans-on Practice for Machine Learning: 1st day

Session | Location:

14:00–15:00 **Lecture: Basic I - Introduction to machine and deep learning**

**Speaker**

Anton Prosekin

15:00–15:20 **Coffee break**

15:20–17:20 **Hands-on: Basic I - Introduction to machine and deep learning**

**Speaker**

Karolin Hymon

17:20

# Thursday 27 March

09:00

## Hans-on Practice for Machine Learning: 2nd day

Session | Location:

09:00–09:40 **Lecture: Basic II - Architecture Overview & CNN**

**Speaker**

Anton Prosekin

09:40–09:55 **Coffee break**

09:55–11:55 **Hands-on: Basic II - Architecture Overview & CNN**

**Speakers**

Anton Prosekin, Karolin Hymon

11:55–12:10 **Coffee break**

12:10

## Friday 28 March

10:30  
|  
19:00

### **Hans-on Practice for Machine Learning: 3rd day**

**Session | Location:**