

**Session Program**

**23-25 May 2022**

**Frontiers in Nuclear Structure Theory**

***session 1***

# Monday 23 May

09:30

## session 1

**Session** | **Location:** FD5, AlbaNova University center

09:30–09:40

### Welcome

**Speaker**

Bo Cederwall

09:40–10:15

### Artificial Intelligence and Machine Learning in Nuclear Physics

**Speaker**

Morten Hjorth-Jensen

10:15–10:50

### Nuclear physics experiments to advance the ab initio frontier

**Speaker**

Marina Petri

10:50–11:25

### Effective interactions and effective operators from the No-Core Shell Model (zoom)

**Speaker**

Nadezda Smirnova

11:30