

## **Programm der Sitzung**

**24.-27. Jan. 2022**



## **LPA Online Workshop on Control Systems and Machine Learning**

***Machine learning techniques***

# Do., 27. Januar

16:00

## Machine learning techniques

Sitzung | Vorsitzender: Matthew Streeter

16:15–16:45 Uhr **Cognitive Simulation models for inertial confinement fusion**

**Sprecher**

Kelli Humbird

16:45–17:05 Uhr

**Advanced understanding of Laser-plasma acceleration by Machine Learning: overview of recent developments**

**Sprecher**

Nico Hoffmann

17:20–17:40 Uhr

**A comparison between the performances of machine learning algorithms in the case of laser profile images classification**

**Sprecher**

Tudor Pascu

17:40–18:00 Uhr

**Applications of Bayesian Inference in Radiation Reaction Experiments**

**Sprecher**

Eva Los

18:00–18:20 Uhr

**Multi-objective Multi-Fidelity optimization of LWFA using Expected Hypervolume Improvement**

**Sprecher**

Faran Irshad

18:20