

## Programm der Sitzung

24.-27. Jan. 2022



## LPA Online Workshop on Control Systems and Machine Learning

*Experiments with in-situ analysis and active  
feedback control*

# Di., 25. Januar

16:00

## Experiments with in-situ analysis and active feedback control

Sitzung | Vorsitzender: Prof. Scott Feister

16:15–16:45 Uhr **Data-driven insights and operation at LUX**

**Sprecher**

Manuel Kirchen

16:45–17:05 Uhr **Enhanced Diagnostic Analysis through Deep Learning**

**Sprecher**

Derek Mariscal

17:20–17:40 Uhr **Control and Automation of Plasma Accelerators**

**Sprecher**

Rob Shalloo

17:40–18:00 Uhr

**Utilizing high-repetition-rate capabilities with adaptive optical systems**

**Sprecher**

Dr. Jinpu Lin

18:00–18:20 Uhr **Gaussian Process Regression in Laser Plasma Experiments**

**Sprecher**

Matthew Streeter

18:20