

## **Session Program**

30 March 2026 to 2 April 2026

# **AI + Astronomy: Models, Data, Discovery**

## ***Session 2***

Bernoulli Center, EPFL Campus, GA 321  
GA Building - Station 5 - 1015 Lausanne

## Tuesday 31 March

15:30

### Session 2: Astronomical Data (continued)

Session | Location: Bernoulli Center, EPFL Campus, GA 321, GA Building - Station 5 - 1015 Lausanne

15:30–15:50 **Radio-Interferometric Image Reconstruction with Denoising Diffusion Restoration Models**

Speaker

Emma Tolley

15:50–16:10 **LoTSSDR2 diffuse radio emission classification**

Speaker

Markus Bredberg

16:10–16:30 **AI Based compression for radio-astronomy data**

Speakers

Adrien Devresse, Mrs Xiaoran Chen

16:30–16:50 **Physics-Informed Deep Learning for Telescope Beam Deconvolution**

Speaker

Shulei Ni

16:50–17:05 **New optimizers for solar physics**

Speaker

Brandon Panos

17:05