

Session Program

Oct 19 - 22, 2026

3rd international Workshop on "AI + Astronomy: Models, Data, Discovery"

Session 5

Zhejiang Lab, Main Building
2880 Wenyi West Road, Yuhang District, Hangzhou

Tue, October 20

3:00 PM

Session 5: Part A: Zhejiang Lab “AI + Science” Discovery**Session** | **Location:** Zhejiang Lab, Main Building, 2880 Wenyi West Road, Yuhang District, Hangzhou | **Convener:** Mathilde Jauzac

3:00 – 3:20 PM

OneAstronomy: Building an AI Foundation Model for Astronomy that Serves as a Global Public Good**Speaker**

Yongfu Hao

3:20 – 3:40 PM

A CSST Galaxy Decomposition Agent: From Expert Knowledge to Autonomous Fitting**Speaker**

Manni Duan

3:40 PM

4:10 PM

Session 5: Part B: Zhejiang Lab “AI + Science” Discovery**Session** | **Location:** Zhejiang Lab, Main Building, 2880 Wenyi West Road, Yuhang District, Hangzhou | **Convener:** Nan Li

4:10 – 4:25 PM

Accelerating Physics-Based Simulations with Deep Learning**Speaker**

Dr Xuejian Jiang

4:25 – 4:40 PM

Discrete Tokenization of Continuous Astronomical Spectra for Foundation Models**Speaker**

Dr Zhongyue Chen

4:40 – 4:55 PM

A Multimodal Foundation Model for Astronomical Object Search and Scientific QA**Speaker**

Dr Kuang Mao

4:55 – 5:10 PM

OneAstroBench: An Open, Science-Driven Benchmark for Multimodal AI in Astronomy**Speaker**

Ms Jiaqi Zhao

5:10 PM