

Session Program

Oct 19 - 22, 2026

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

Session 3 : Astronomical Tools

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

Tue, October 20

9:10 AM

Session 3 : Astronomical Tools

Session | Location: Academic Exchange Center of Zhejiang lab, Zhijiang Hall | Convener: Emma Tolley

9:10 – 9:30 AM

Two Frontiers of Radio Astronomy: AI for EHT and SKA Data

Speaker

Chin-Shin Chang

9:30 – 9:50 AM

Diagnostics of Intermediate-Mass Black Holes and Ionising Sources

Speaker

Adele Plat

9:50 – 10:10 AM

Rethinking Validation for Deep-learning Photometric Redshifts: The Impact of Redshift Distribution Shift

Speaker

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10:10 – 10:30 AM

From JWST to ELT/MOSAIC: Deciphering Black Holes and Stellar Populations in the Early Universe

Speaker

Prof. Michaela Hirschmann

10:30 AM

10:50 AM

Session 3 : Astronomical Tools

Session | Location: Academic Exchange Center of Zhejiang lab, Zhijiang Hall | Convener: Chao Liu

11:10 – 11:30 AM

The Subaru Prime Focus Spectrograph (PFS) Cosmology Survey: overview and progress

Speaker

Jiaxi Yu

Location

Academic Exchange Center of Zhejiang lab, Zhijiang Hall

11:30 – 11:50 AM

Lessons from Physics-Informed Neural Networks: Inverse Problems Across Equations of State

Speaker

Pau Solé-Vilaró

Location

Academic Exchange Center of Zhejiang lab, Zhijiang Hall

12:10 PM