



21cm Cosmology International Workshop 2024

& Tianlai Collaboration Meeting

To promote progress in the practice of 21 cm experiments, we are organizing a community workshop on 21 cm cosmology, which is scheduled to be held between July 21st to 26th, 2024, in Hangzhou Zhejiang, P.R. China. The workshop focuses on sharing recent progress and challenges from all the major 21 cm experiments efforts, both EoR and post-EoR, to help this field reach its full potential.

We will discuss important common challenges: calibration, sources of locally correlated signals, foreground mitigation, cross-correlations, systematics from digital signal processing, validation, and software tools.

一、Scientific Topics

- 1) Science with IM surveys;
- 2) Results from current HI experiments;
- 3) Instrumental challenges, future projects;
- 4) Intensity mapping data processing challenges

二、Important information

1. Time: Jul. 21 - Jul.26, 2024 (21 JUL., 2024 Arrival and Registration)
2. Place: International Communication Center of Hangzhou Dianzi University
3. Registration Fee

	Early Birds Registration Before 28 APR., 2024	Normal Registration 28 APR.-21 JUN., 2024
Faculty/ Postdoc	RMB 2200 (or USD 300)	RMB 2500 (or USD 350)
Student	RMB 1500 (or USD 200)	RMB 1800 (or USD 250)

三、Conference Emails

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