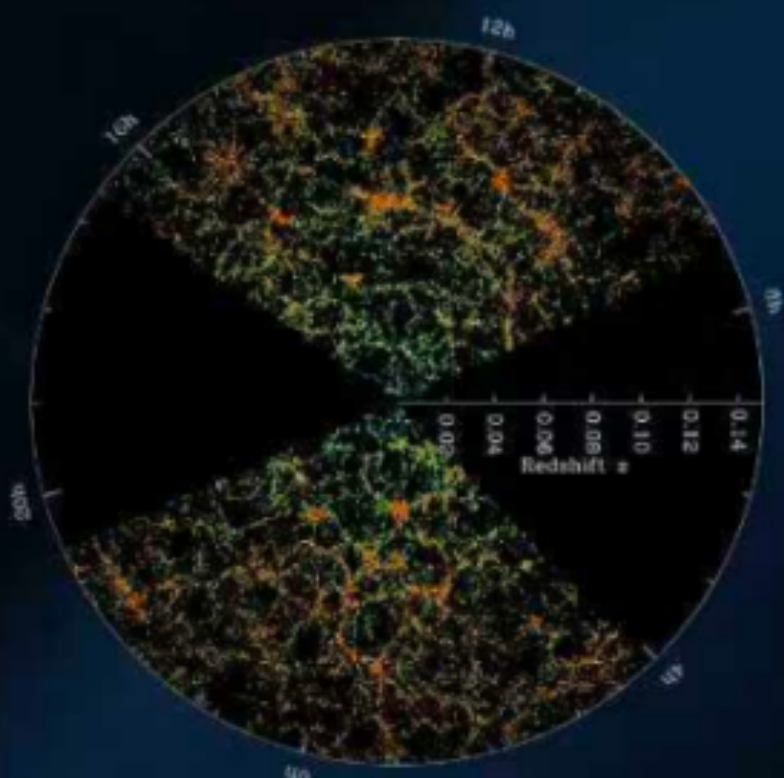


引力波、宇宙学与基础物理研讨会

Workshop on Gravitational Waves Cosmology and Fundamental Physics

杭州 · Hangzhou, Oct 30 – Nov 3, 2025

<https://indico.ihep.ac.cn/event/27104/>



國科大杭州高茅研究院
Hangzhou Institute for Advanced Study, UCAS



ICTP-AP
International Centre
for Theoretical Physics Asia-Pacific
国际理论物理中心-亚太地区



中国科学院理论物理研究所
Institute of Theoretical Physics, Chinese Academy of Sciences

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Workshop on Gravitational Waves Cosmology and Fundamental Physics

Welcome!

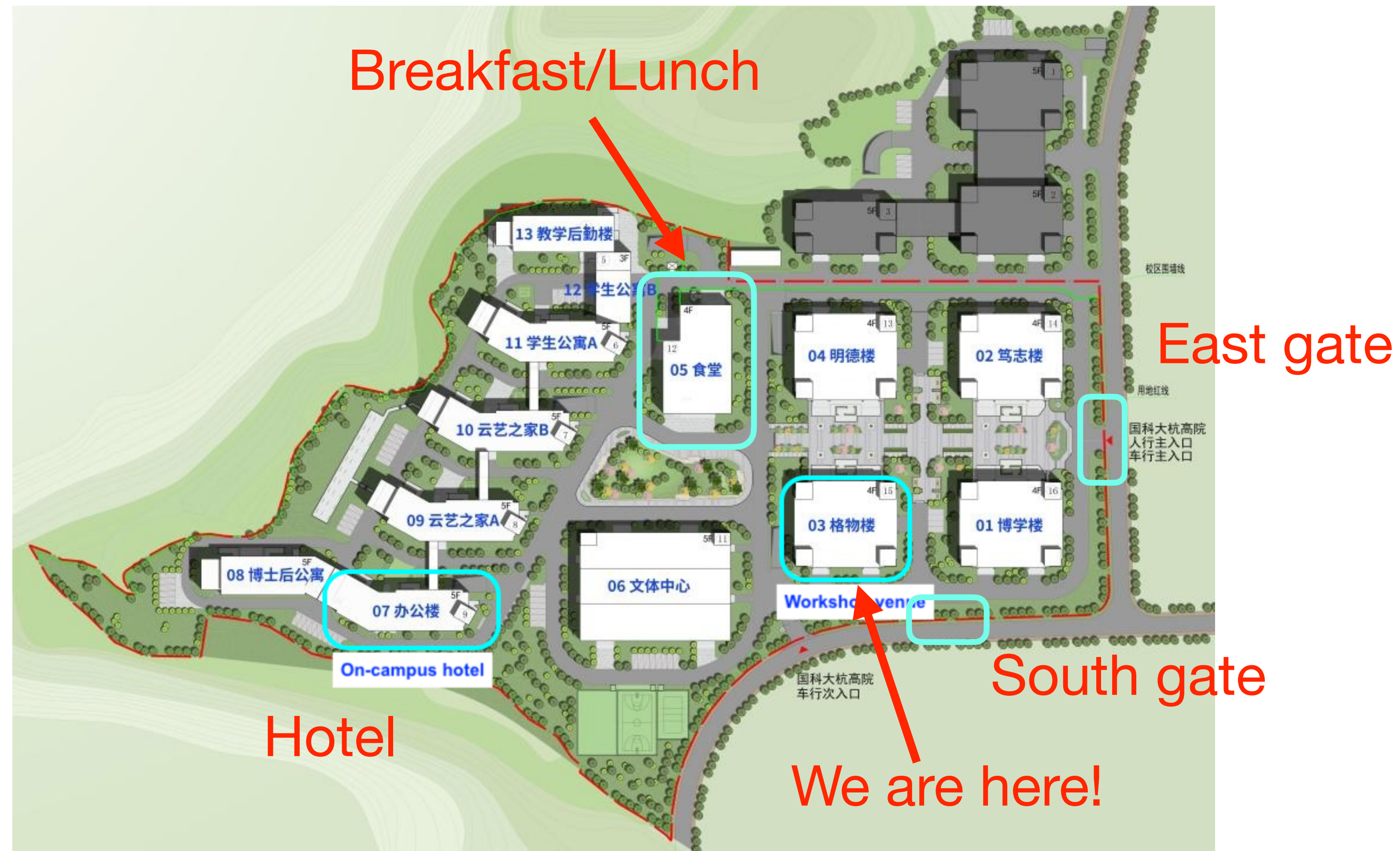


Workshop on Gravitational Waves Cosmology and Fundamental Physics

Some practical information

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Some practical information



Workshop on Gravitational Waves Cosmology and Fundamental Physics

Some practical information

- Speakers:

Please upload your talk slide at indico, or send it to me, or transfer it to the conference hall computer by yourself well before your talk session!

The screenshot shows the Indico conference page for the "Workshop on Gravitational Waves, Cosmology and Fundamental Physics". The header bar is blue with the event title. Below it, the dates "30 October 2025 to 3 November 2025" and the time zone "Asia/Shanghai: timezone" are displayed. A search bar is on the right. A left sidebar contains a menu with items like "Overview", "Call for Abstracts", "Contribution List", and "My Conference". The main content area shows details for "Session 1", including the "Opening" at 10:20 on Oct 31, the "Speaker" Kohei Kamada, and the "Primary author" also Kohei Kamada. A red circle highlights the "Presentation materials" section, which currently shows "There are no materials yet."

Workshop on Gravitational Waves, Cosmology and Fundamental Physics

30 October 2025 to 3 November 2025
Asia/Shanghai: timezone

Enter your search term

Overview
Call for Abstracts
Timetable
Contribution List
My Conference
My Contributions
Book of Abstracts
Registration
Participant List
Travel Information
Accommodation
Wi-Fi Connection
Life in Hangzhou

Opening

31 Oct 2025, 10:20
10m

Session 1

Speaker

Kohei Kamada (IHAS, UCAS)

Description

Opening remarks

Primary author

Kohei Kamada (IHAS, UCAS)

Presentation materials

There are no materials yet.

Workshop on Gravitational Waves Cosmology and Fundamental Physics

Some practical information

- Photo session: Saturday, after the morning session before lunch



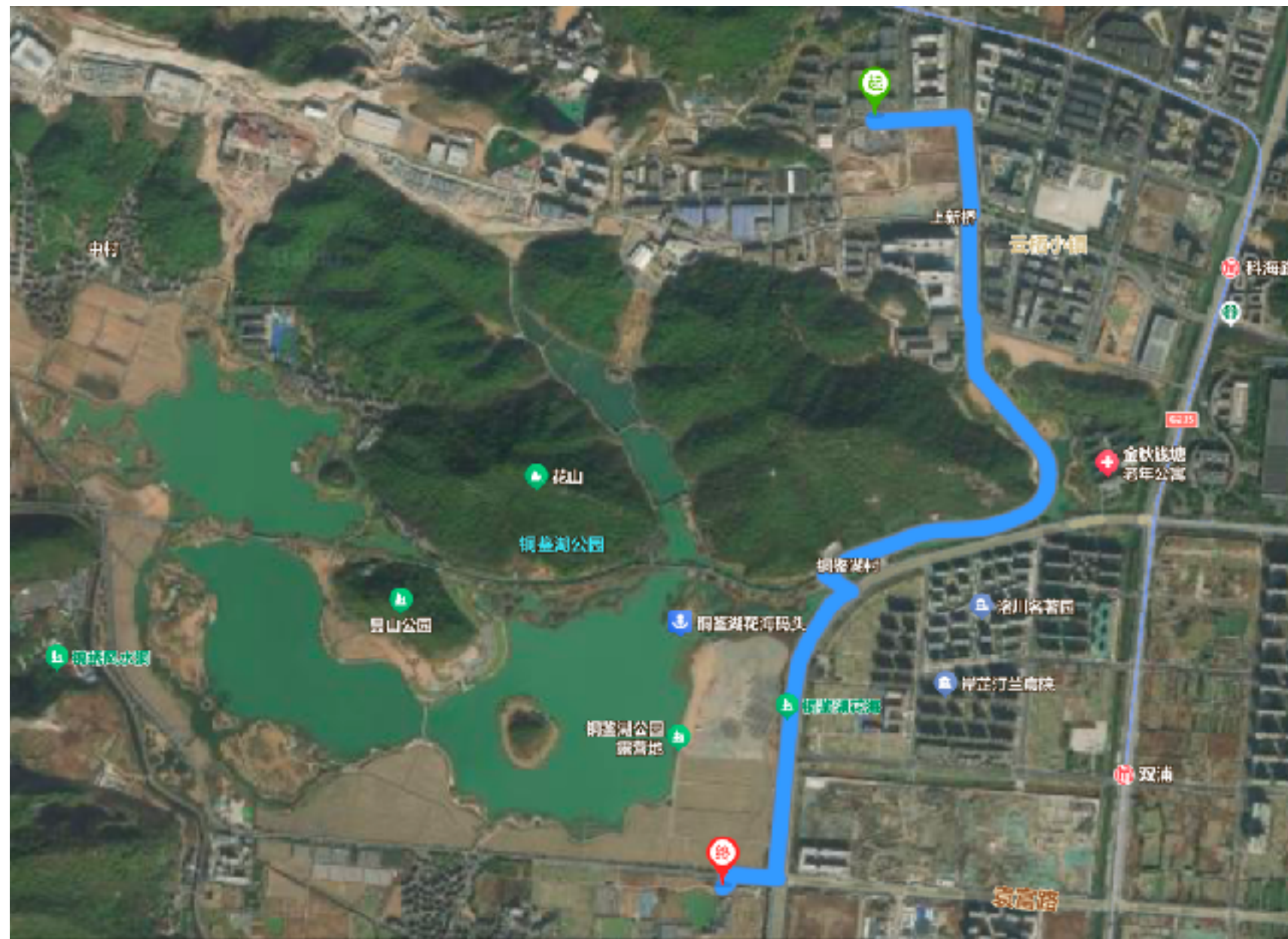
In front of East gate



Workshop on Gravitational Waves Cosmology and Fundamental Physics

Some practical information

- Banquet: Saturday evening @ 原野·餐厅



South gate

Please get together in front of the south gate to take the bus.

Workshop on Gravitational Waves Cosmology and Fundamental Physics

Some practical information

- Non-Chinese people who stay at the on-campus hotel

Please pass your passports to Mr. Yifan Hu
after the morning session before lunch
for the registration at the police station.
They will be returned before the last session today.



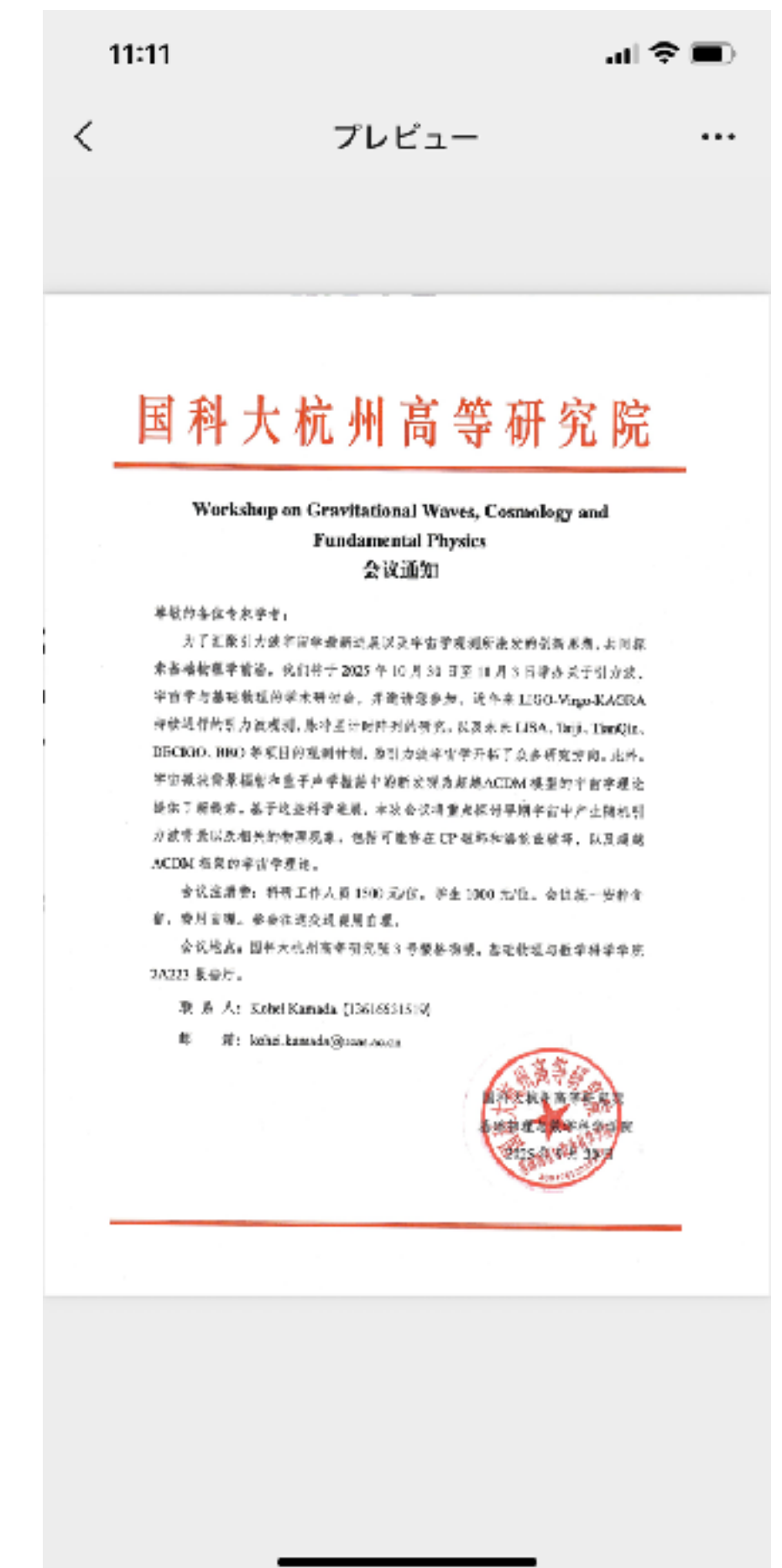
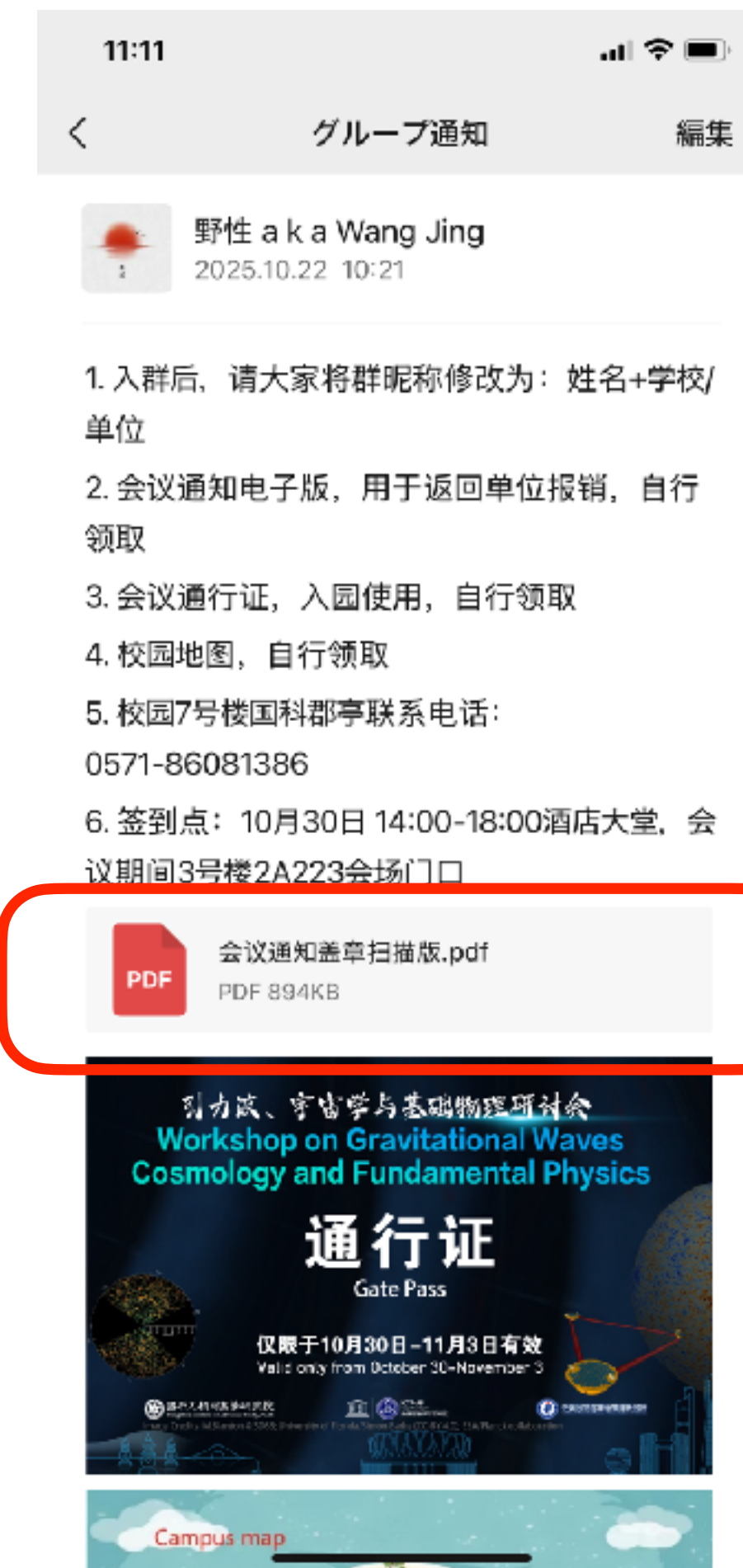
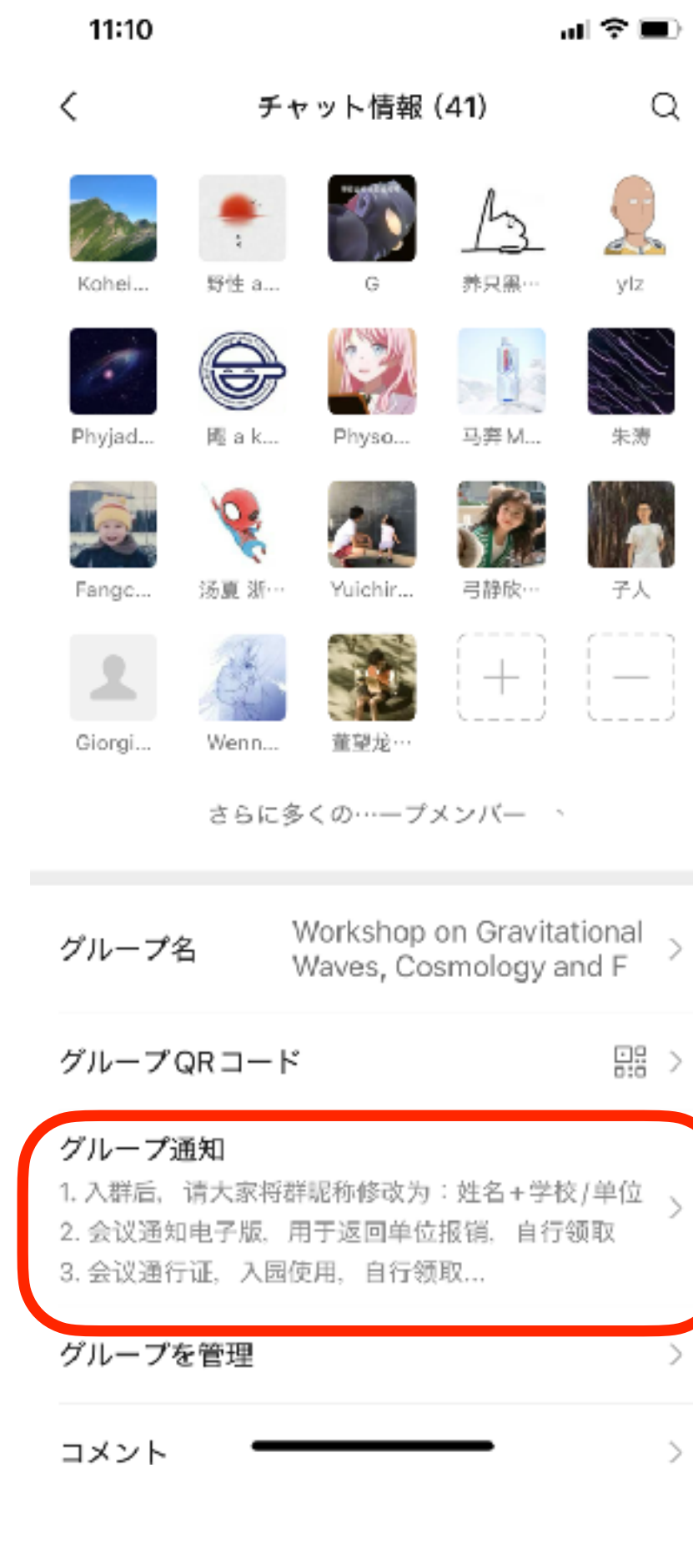
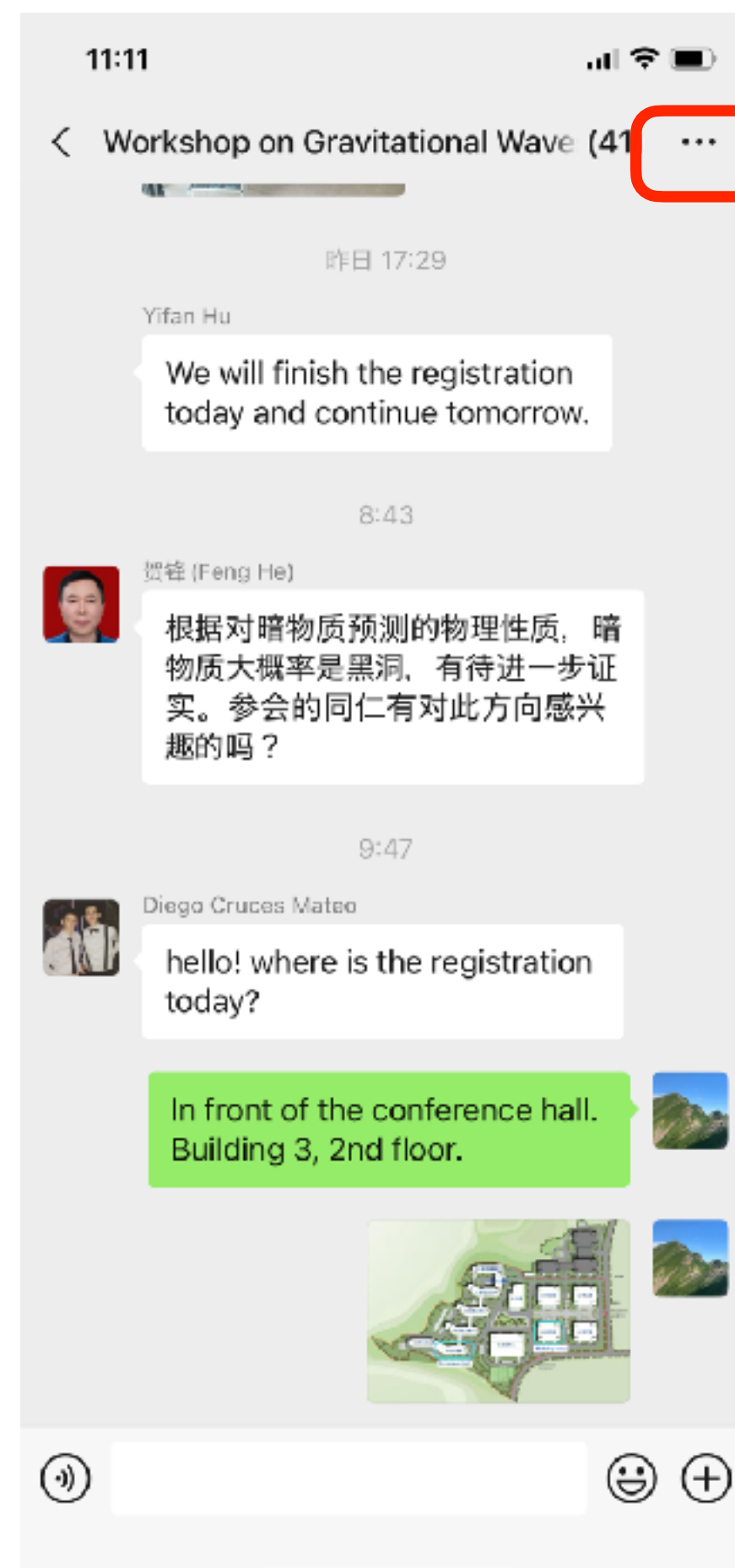
Workshop on Gravitational Waves Cosmology and Fundamental Physics

Enjoy!



Workshop on Gravitational Waves Cosmology and Fundamental Physics

Conference notice can be obtained at WeChat group



Workshop on Gravitational Waves Cosmology and Fundamental Physics

Change the schedule!
The afternoon session
will start at 13:30,
with the talk by Diego Cruces.

Other talks are unchanged.

		10:30 - 11:00
11:00	Nearly Monochromatic Primordial Black Holes as total Dark Matter from Bubble Collapse	Prof. Ying-li Zhang
		11:00 - 11:30
	Photo session	11:30 - 11:40
12:00	Lunch	
13:00		
	On formalism and non-perturbative curvature perturbation during inflation.	Diego Cruces
		13:30 - 14:00
14:00	A tantalizing hint of cosmological parity violation in the polarized light of the cosmic microwave background	Prof. Eiichiro Komatsu
	Teleparallel gravity models with parity violations	Mingzhe Li
		14:30 - 15:00
15:00	Gravitational waves in thermal environments	Atsuhisa Ota
		15:00 - 15:30
	Coffee break	15:30 - 16:00
16:00	High Reheating Temperature without Axion Domain Walls	耀铎(Yaoduo) 王(Wang)
		16:00 - 16:15

Workshop on Gravitational Waves Cosmology and Fundamental Physics

[Participant List](#)
[Travel Information](#)
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[Wi-Fi Connection](#)
[Life in Hangzhou](#)

Change the schedule once more!
The afternoon session
will start at 13:30.
The talks are shifted by 30 min.

	Coffee break	09:30 - 10:00
10:00	Darkogenesis via Supercooled Phase Transition Yuichiro Nakai	10:00 - 10:30
	Gravitational waves and Primordial black holes formation in a complex singlet extension of the Standard Model Chikako Idegawa	
11:00	Lunch	
12:00		
13:00		
	Dynamics of coherent vacuum domains from axion fragmentation Dr 黄 薇	11:00 - 13:30
		13:30 - 14:00
14:00	Probing spin-2 ultralight dark matter with PTA and space-based GW Detectors Dr Yun-Long Zhang	14:00 - 14:30
	Closing Kohei Kamada	14:30 - 14:40