



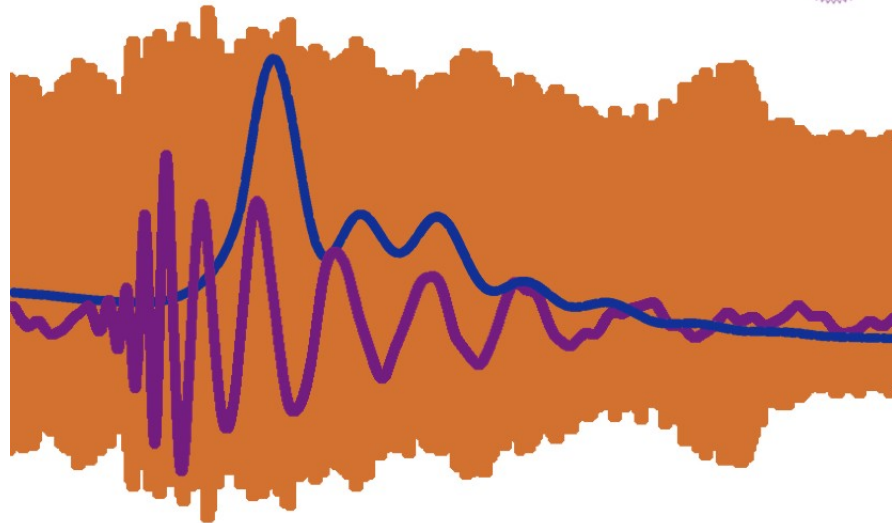
THE FUTURE IS WHISPERING<sub>®</sub>

5th NCTS TG2.1 Future Workshop, June 25-27, 2025, Hsinchu

# THE FUTURE IS WHISPERING<sub>®</sub>



5th NCTS TG2.1 Future Workshop  
June 25-27, 2025, Hsinchu, Taiwan



## PLAYLIST

Feeble Interactions  
Gravity & Particle Physics  
Dark Matter  
Compact Objects & Particles

## KEYNOTE PRESENTERS

Vedran Brdar (Oklahoma State U)  
Tom Broadhurst (DIPC)  
Koichi Hamaguchi (Tokyo U)  
Kazunori Kohri (KEK)  
Kin-Wang Ng (AS)



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## Previous Installments

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The **Future is Whispering** is the 5th installment of the NCTS "Future is..."

2024: The Future is Flavourful

2023: The Future is Non-Perturbative

2022: The Future is Illuminating

2021: The Future is Dark





## Previous Installments

The **Future is Whispering** is the 5th installment of the NCTS "Future is..."

2024: The Future is Flavourful

2023: The Future is Non-Perturbative

2022: The Future is Illuminating

2021: The Future is Dark





- ◆ **Participants: 55**
- ◆ **Talks: 22**
- ◆ **From many countries**

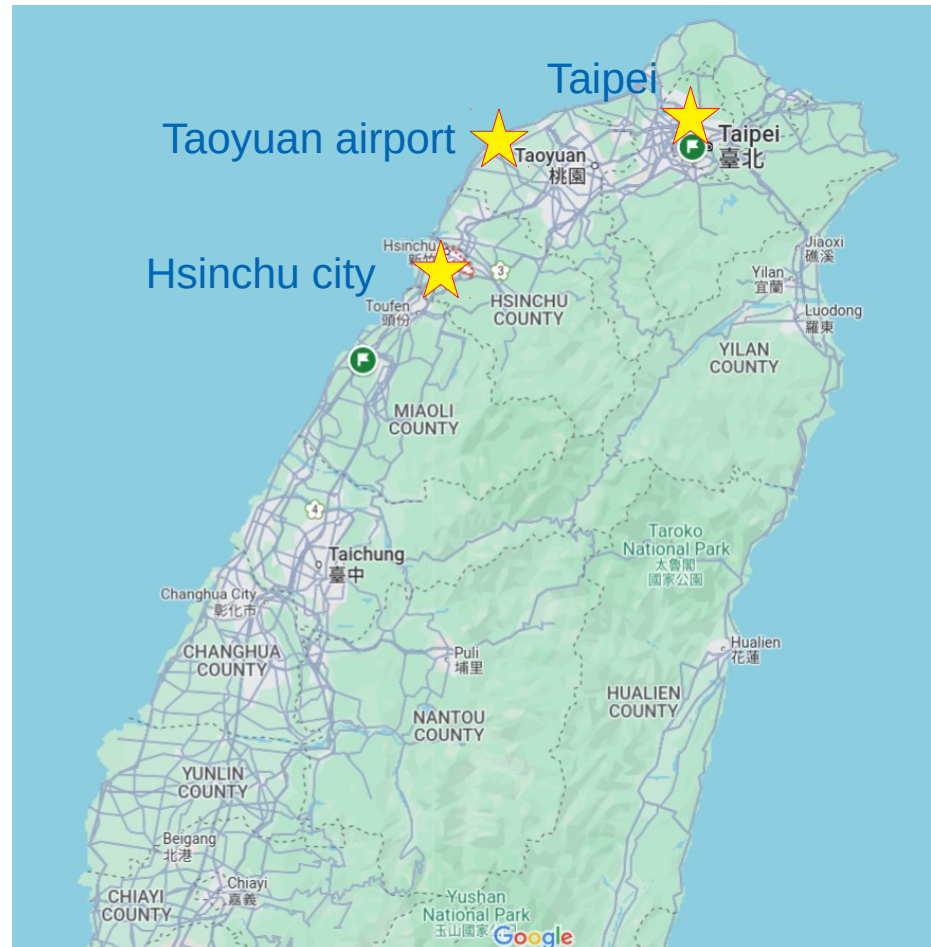






#### Transportation:

1. High-way buses
2. Train station
3. Taiwan High Speed Rail (THSR)
4. Uber



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Taipei  
Taoyuan airport  
Hsinchu city  
NTU, AS  
Taipei  
NCU, CYCU

NTHU  
NYCU

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# THE FUTURE IS WHISPERING

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	Restaurant	Opening Hours	Remarks	Google maps link
Breakfast	Shine Mood	NYCU campus: 9am~7pm (M-F); 9.30am~7pm (Sat-Sun) NTHU campus: 11am~7pm (M-F; Sun)	waffles, drinks	NYCU: <a href="https://maps.app.goo.gl/jSru55B4GE9ncCsw6">https://maps.app.goo.gl/jSru55B4GE9ncCsw6</a> NTHU: <a href="https://maps.app.goo.gl/WMN9dez3wcpCh99Y7">https://maps.app.goo.gl/WMN9dez3wcpCh99Y7</a>
	瑞斯飯糰 (Rice balls)	M-F	located in NTHU 小吃部; rice balls, sandwiches, tea, soymilk	<a href="https://maps.app.goo.gl/2VA7dy574V4PuCq6A">https://maps.app.goo.gl/2VA7dy574V4PuCq6A</a>
	早餐屋 (breakfast place)	6am~11am (M-F)	nearby NTHU guest house; Taiwanese breakfast snacks and drinks	<a href="https://maps.app.goo.gl/tQvp92ErkJ7ewHo8">https://maps.app.goo.gl/tQvp92ErkJ7ewHo8</a>
	7-11	24/7	convenience store, with branches in NYCU&NTHU	NYCU: <a href="https://maps.app.goo.gl/bhtr4exXK7Vz1iCj8">https://maps.app.goo.gl/bhtr4exXK7Vz1iCj8</a> NTHU: <a href="https://maps.app.goo.gl/czosUEmRUJ8ZCgLeA">https://maps.app.goo.gl/czosUEmRUJ8ZCgLeA</a>
	Family Mart		convenience store, with branches in NYCU&NTHU	NYCU: <a href="https://maps.app.goo.gl/pAqkzpqeYhtHFd4W9">https://maps.app.goo.gl/pAqkzpqeYhtHFd4W9</a> NTHU: <a href="https://maps.app.goo.gl/Gnds27cP1xektrqw7">https://maps.app.goo.gl/Gnds27cP1xektrqw7</a>
Dinner	Lala Kitchen	11.30am~8pm (Tue-Sat)	serves American and Western style dishes, with vegan options	<a href="https://maps.app.goo.gl/8njxLQP9kUcY2EsX6">https://maps.app.goo.gl/8njxLQP9kUcY2EsX6</a>
	Wavelight restaurant	NTHU campus: 9.30am~7pm (M-Sun)	serves pasta, noodles, salads, rice meals	<a href="https://maps.app.goo.gl/Axqbx3Ym52ANjRHQ9">https://maps.app.goo.gl/Axqbx3Ym52ANjRHQ9</a>
	十六區和風料理	11am~1.30pm, 5pm~8.30pm (W-F); 11am~2pm, 5pm~8.30pm (Sat-Sun)	serves Japanese style dishes	<a href="https://maps.app.goo.gl/46mJgaSsMbbJHma9">https://maps.app.goo.gl/46mJgaSsMbbJHma9</a>
	NYCU student halls	<a href="#">Link (in Chinese)</a>	Dining Hall #1, #2	
	NTHU student halls	<a href="#">Link (in Chinese)</a>	風雲 (Fengyun), 水木 (Shui mu), 小吃部 (Xiao chi bu)	
Coffee shops	Cama Café	7.30am~6pm (M-F); 9am~6pm (Sat-Sun)		<a href="https://maps.app.goo.gl/SZzyLGkUKUsRsHTW6">https://maps.app.goo.gl/SZzyLGkUKUsRsHTW6</a>
	Louisa	NYCU campus: 8am~6pm (M-Sun) NTHU campus: 7.30am~8pm (M-Sun)		NYCU: <a href="https://maps.app.goo.gl/AwDsyY4hLqjgaX1D7">https://maps.app.goo.gl/AwDsyY4hLqjgaX1D7</a> NTHU: <a href="https://maps.app.goo.gl/UuUtZN7sY25nVwaZ9">https://maps.app.goo.gl/UuUtZN7sY25nVwaZ9</a>
	RD Café	8am~9pm (M-F); 9am~6pm (Sat)		<a href="https://maps.app.goo.gl/mocXj77u2ArgZKM67">https://maps.app.goo.gl/mocXj77u2ArgZKM67</a>
	HereCafé	NYCU campus: 8am~7.30pm (M-Sun)		<a href="https://maps.app.goo.gl/6xx1aCZYJaZDYgRDA">https://maps.app.goo.gl/6xx1aCZYJaZDYgRDA</a>
	Panda Café	NTHU campus: 11am~8pm (M-F); 12pm~6pm (Sun)		<a href="https://maps.app.goo.gl/ajiNbbRUGgHfms256">https://maps.app.goo.gl/ajiNbbRUGgHfms256</a>
Vegan/Halal options	A+ Indian food	11am~8pm (Tue-Sun)	just outside NYCU campus gate	<a href="https://maps.app.goo.gl/y9isTFAistvuekAh9">https://maps.app.goo.gl/y9isTFAistvuekAh9</a>
	Indian Darbar	6.30pm~10pm (Tue-F); 11am~9.30pm (Sat-Sun)	just outside NTHU campus north gate	<a href="https://maps.app.goo.gl/u3Mkr9YNcKjMKER18">https://maps.app.goo.gl/u3Mkr9YNcKjMKER18</a>

Pay by  
1. Cash  
2. Card  
3. others

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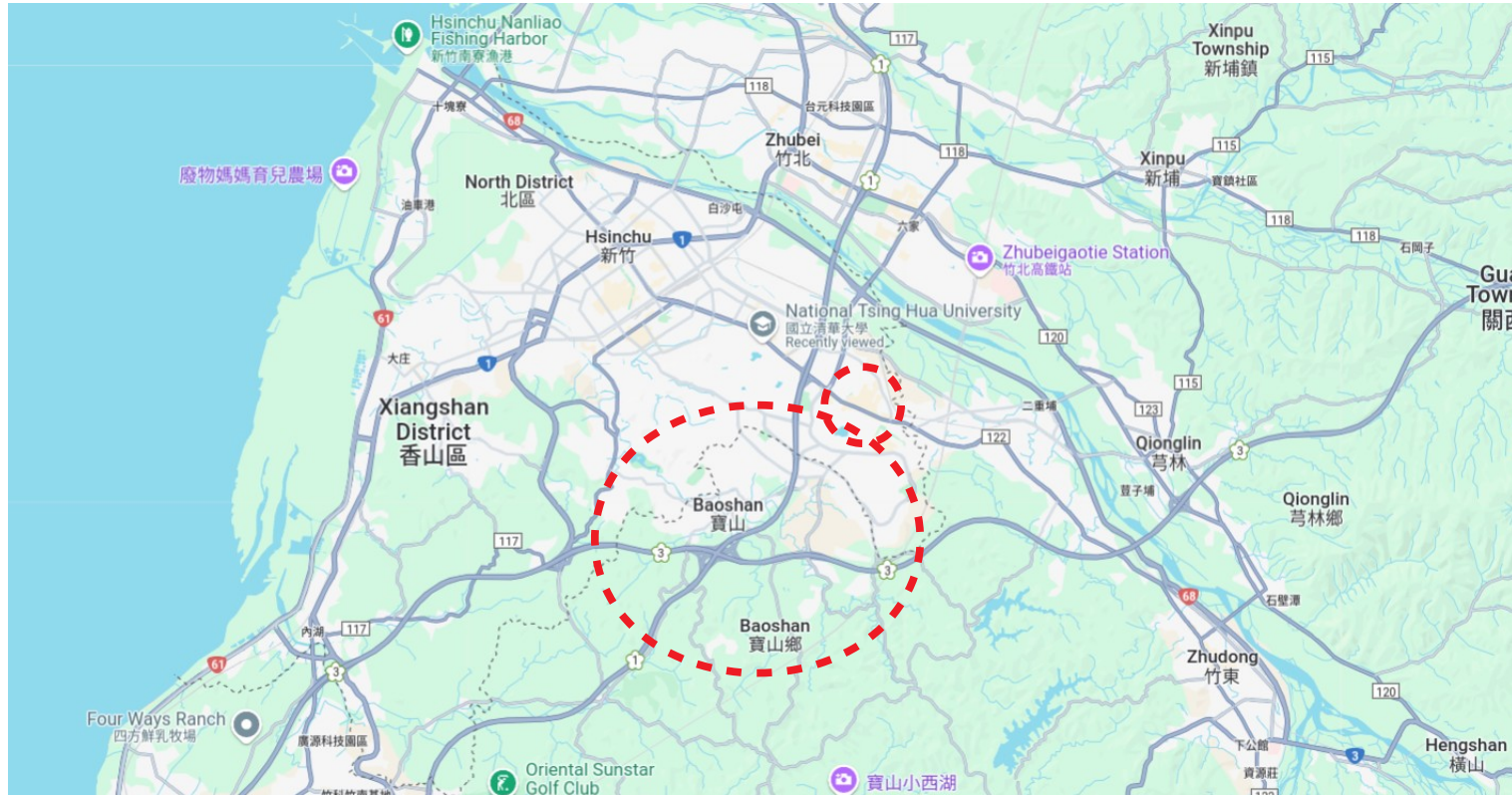
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Wind city

Population: 450,000

Traditional food: meat ball, rice noodle.



Guanxin borough has highest income:  
average 4.6 million NTD/family.

Scientific park: semiconductor manufacturing (TSMC...etc)

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Hsinchu downtown (15 min by bus)

1. Train station
2. Yin Shi East gate
3. City God Temple
4. night market

18 peak mountain: Hiking

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[Overview](#)

[Registration](#)

[Timetable](#)

[My Conference](#)

[My Contributions](#)

[Participant List](#)

[Code of Conduct](#)

[Poster](#)

[Booklet](#)

[Previous Installments](#)

[Directions](#)

## The Future is Whispering

“The Future is Whispering” is the fifth installment of the NCTS TG2.1 workshop series “The Future is ...”. In this edition we want to focus on feeble particle interactions which are particularly important in the early universe. Our aim is to promote young scientists and bridge gaps between various subfields within NCTS and the broader Taiwanese physics community. This year, in particular, we invite colleagues working on astroparticle physics and particle cosmology to have intense discussions on potential signals and prospects for the future of the relevant fields.

Our workshop will broadly cover the following topics:

1. Feebly interacting particles
2. Gravitational aspects of particle physics
3. Dark Matter
4. Particle physics from compact objects

For full consideration of your talk abstract, please submit it before **28-May-2025 5 June 2025 (deadline extended)** and also register as a participant before **11 June 2025**.

### Keynote Speakers

Vedran Brdar (Oklahoma State U.)  
Tom Broadhurst (DIPC)  
Koichi Hamaguchi (U. of Tokyo)  
Kazunori Kohri (KEK)  
Kin-Wang Ng (AS)

### Organizing Committee

Jan Tristram Acuña (NTHU)  
Priyanka Sarmah (NTHU)  
Martin Spinrath (NTHU)  
Sut-leng Tam (NYCU)  
Po-Yen Tseng (NTHU)



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- ◆ **Thank you all for participating this workshop**
- ◆ **Hope you enjoy the scientific program and social events**
- ◆ **Wish this be a successful workshop**

