

Joint TDLI & INPAC Winter School in Particle Physics 2026

Report of Contributions

Contribution ID: 1

Type: **not specified**

School Opening

Tuesday, 27 January 2026 08:30 (20 minutes)

Presenters: XIAO, Mengjiao (Shanghai Jiao Tong University); LI, Shu (TDLI, SJTU)

Contribution ID: 2

Type: **not specified**

Unity of the Smallest and the Largest of the Universe

Tuesday, 27 January 2026 08:50 (1 hour)

Presenter: HE, Xiao-Gang (TDLI, SJTU)

Session Classification: Morning Session

Contribution ID: 3

Type: **not specified**

Refreshment Break

Session Classification: Morning Session

Contribution ID: 4

Type: **not specified**

中微子：新物理信使

Tuesday, 27 January 2026 10:05 (1 hour)

Presenter: Prof. GE, Shao-Feng (TDLI-SJTU)

Session Classification: Morning Session

Contribution ID: 5

Type: **not specified**

Q&A Time

Tuesday, 27 January 2026 11:20 (1 hour)

Presenters: Prof. GE, Shao-Feng (TDLI-SJTU); HE, Xiao-Gang (TDLI, SJTU)

Session Classification: Morning Session

Contribution ID: 6

Type: **not specified**

用粒子-观天体-探宇宙

Tuesday, 27 January 2026 14:00 (1 hour)

Presenter: LIU, Jianglai (Shanghai Jiao Tong University)

Session Classification: Afternoon Session

Contribution ID: 7

Type: **not specified**

Probing the Microscopic and Macroscopic World with the Muon

Tuesday, 27 January 2026 15:15 (1 hour)

Presenter: Prof. KHAW, Kim Siang (TDLI/SJTU)

Session Classification: Afternoon Session

Contribution ID: **8**

Type: **not specified**

Q&A Time

Tuesday, 27 January 2026 16:30 (1 hour)

Presenters: LIU, Jianglai (Shanghai Jiao Tong University); Prof. KHAW, Kim Siang (TDLI/SJTU)

Session Classification: Afternoon Session

Contribution ID: 9

Type: **not specified**

Physics beyond the Standard Model

Wednesday, 28 January 2026 08:30 (1 hour)

Presenter: NAKAI, Yuichiro (TDLI, SJTU)

Session Classification: Morning Session

Contribution ID: **10**

Type: **not specified**

Black Holes as Detectors of Particles

Wednesday, 28 January 2026 09:45 (1 hour)

Presenter: CHEN, Yifan (TDLI, SJTU)

Session Classification: Morning Session

Contribution ID: 11

Type: **not specified**

Q&A Time

Wednesday, 28 January 2026 11:00 (1 hour)

Presenters: CHEN, Yifan (TDLI, SJTU); NAKAI, Yuichiro (TDLI, SJTU)

Session Classification: Morning Session

Contribution ID: 12

Type: **not specified**

PandaX 实验简介

Wednesday, 28 January 2026 14:00 (1 hour)

Presenter: YANG, Yong (Shanghai Jiao Tong University)

Session Classification: Afternoon Session

Contribution ID: 13

Type: **not specified**

Electronics in Particle Physics Experiments

Wednesday, 28 January 2026 15:15 (1 hour)

Presenter: WU, Weihao (SJTU)

Session Classification: Afternoon Session

Contribution ID: 14

Type: **not specified**

Q&A Time

Wednesday, 28 January 2026 16:30 (1 hour)

Presenters: WU, Weihao (SJTU); YANG, Yong (Shanghai Jiao Tong University)

Session Classification: Afternoon Session

Contribution ID: 15

Type: **not specified**

Beta decay and double beta decay

Thursday, 29 January 2026 08:30 (1 hour)

Presenter: HAN, Ke (SJTU)

Session Classification: Morning Session

Contribution ID: **16**

Type: **not specified**

Physics with Reactor Neutrinos

Thursday, 29 January 2026 09:45 (1 hour)

Presenter: HUANG, Junting (Shanghai Jiao Tong University)

Session Classification: Morning Session

Contribution ID: 17

Type: **not specified**

Q&A Time

Thursday, 29 January 2026 11:00 (1 hour)

Presenters: HUANG, Junting (Shanghai Jiao Tong University); HAN, Ke (SJTU)

Session Classification: Morning Session

Contribution ID: **18**

Type: **not specified**

精妙的原子核

Thursday, 29 January 2026 14:00 (1 hour)

Presenter: Prof. ZHAO, Yumin (SJTU)

Session Classification: Afternoon Session

Contribution ID: 19

Type: **not specified**

Exploring the Universe from the Ocean Floor: Neutrino Telescopes

Thursday, 29 January 2026 15:15 (1 hour)

Presenter: Dr MORTON-BLAKE, Iwan (Tsung-Dao Lee Institute / Shanghai Jiao Tong University)

Session Classification: Afternoon Session

Contribution ID: **20**

Type: **not specified**

Q&A Time

Thursday, 29 January 2026 16:30 (1 hour)

Presenters: Dr MORTON-BLAKE, Iwan (Tsung-Dao Lee Institute / Shanghai Jiao Tong University); Prof. ZHAO, Yumin (SJTU)

Session Classification: Afternoon Session

Contribution ID: 21

Type: **not specified**

Parity Violation & Restoration

Friday, 30 January 2026 08:30 (1 hour)

Presenter: ZHANG, Yongchao (Southeast University)

Session Classification: Morning Session

Contribution ID: 22

Type: **not specified**

Introduction to Lattice QCD

Friday, 30 January 2026 09:45 (1 hour)

Presenter: Prof. WANG, Wei (SJTU)

Session Classification: Morning Session

Contribution ID: 23

Type: **not specified**

Q&A Time

Friday, 30 January 2026 11:00 (1 hour)

Presenters: Prof. WANG, Wei (TDLI, SJTU); ZHANG, Yongchao (Southeast University)

Session Classification: Morning Session

Contribution ID: 24

Type: **not specified**

The Higgs boson and the origin of elementary particle mass

Friday, 30 January 2026 14:00 (1 hour)

Presenter: LIU, Kun (TDLI / SJTU)

Session Classification: Afternoon Session

Contribution ID: 25

Type: **not specified**

Enlightening the unknowns with Higgs Boson and Dark Photon

Friday, 30 January 2026 15:15 (1 hour)

Presenter: LI, Shu (TDLI, SJTU)

Session Classification: Afternoon Session

Contribution ID: **26**

Type: **not specified**

Q&A Time

Friday, 30 January 2026 16:30 (1 hour)

Presenters: LIU, Kun (TDLI / SJTU); LI, Shu (TDLI, SJTU)

Session Classification: Afternoon Session

Contribution ID: 27

Type: **not specified**

Extreme Physics in The Little Bang

Saturday, 31 January 2026 08:30 (1 hour)

Presenter: SUN, Yifeng (SJTU)

Session Classification: Morning Session

Contribution ID: 28

Type: **not specified**

原子核的“跨界朋友圈”：星空、激光与新物理

Saturday, 31 January 2026 09:45 (1 hour)

Presenter: NIU, Yifei (SJTU)

Session Classification: Morning Session

Contribution ID: 29

Type: **not specified**

Q&A Time

Saturday, 31 January 2026 11:00 (1 hour)

Presenters: NIU, Yifei (SJTU); SUN, Yifeng (SJTU)

Session Classification: Morning Session