

The 2nd JUNO Neutrino Summer School

Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening speech

Monday, 18 August 2025 08:30 (1h 30m)

Presenter: Prof. WANG, Yifang (高能所)

Session Classification: Lecture

Contribution ID: 2

Type: **not specified**

Standard Model of Particle Physics

Monday, 18 August 2025 10:30 (1h 30m)

Presenter: Prof. MARFATIA, Danny

Session Classification: Lecture

Contribution ID: 3

Type: **not specified**

Topics on Majorana spinors

Monday, 18 August 2025 14:00 (1h 30m)

Presenter: Prof. YU, Zhao-Huan (Sun Yat-sen University)

Session Classification: Lecture

Contribution ID: 4

Type: **not specified**

Baryogenesis and leptogenesis

Monday, 18 August 2025 16:00 (1h 30m)

Presenter: Prof. XIE, Ke-Pan (Beihang University (北京航空航天大学))

Session Classification: Lecture

Contribution ID: 5

Type: **not specified**

Neutrino oscillation phenomenology

Tuesday, 19 August 2025 08:30 (1h 30m)

Presenter: Prof. SCHWETZ, Thomas (KIT)

Session Classification: Lecture

Contribution ID: 6

Type: **not specified**

$0\nu\beta\beta$ experiments

Tuesday, 19 August 2025 10:30 (1h 30m)

Presenter: Prof. HAN, Ke (Shanghai Jiao Tong University)

Session Classification: Lecture

Contribution ID: 7

Type: **not specified**

Theories of neutrino mass and mixing

Tuesday, 19 August 2025 14:00 (1h 30m)

Presenter: ZHOU, Ye-Ling (Hangzhou Institute for Advanced Study)

Session Classification: Lecture

Contribution ID: 8

Type: **not specified**

Solar and reactor neutrinos

Wednesday, 20 August 2025 08:30 (1h 30m)

Presenter: Prof. LI, Yufeng (IHEP, Beijing)

Session Classification: Lecture

Contribution ID: 9

Type: **not specified**

Solar and reactor neutrinos

Wednesday, 20 August 2025 14:00 (1h 30m)

Presenter: Prof. LI, Yufeng (IHEP, Beijing)

Session Classification: Lecture

Contribution ID: **10**

Type: **not specified**

Discussion

Wednesday, 20 August 2025 16:00 (1h 30m)

Presenter: Prof. FANG, Dong-Liang (Institute of Modern Physics)

Session Classification: Discussion

Contribution ID: **11**

Type: **not specified**

$0\nu\beta\beta$ theory

Friday, 22 August 2025 08:30 (1h 30m)

Presenter: Prof. FANG, Dong-Liang (Institute of Modern Physics)

Session Classification: Lecture

Contribution ID: 12

Type: **not specified**

Atmospheric and accelerator neutrinos

Friday, 22 August 2025 10:30 (1h 30m)

Presenter: Prof. LU, Xianguo (Warwick U)

Session Classification: Lecture

Contribution ID: **13**

Type: **not specified**

Machine learning

Friday, 22 August 2025 14:00 (1h 30m)

Presenter: Prof. OSTROVSKIY, Igor V.

Session Classification: Lecture

Contribution ID: 14

Type: **not specified**

Atmospheric and accelerator neutrinos

Saturday, 23 August 2025 08:30 (1h 30m)

Presenter: Prof. LU, Xianguo (Warwick U)

Session Classification: Lecture

Contribution ID: 15

Type: **not specified**

Topics on Majorana spinors

Saturday, 23 August 2025 14:00 (1h 30m)

Presenter: YU, Zhao-Huan (Sun Yat-Sen University)

Session Classification: Lecture

Contribution ID: **16**

Type: **not specified**

Neutrino oscillation phenomenology

Wednesday, 20 August 2025 10:30 (1h 30m)

Presenter: Prof. SCHWETZ, Thomas (KIT)

Session Classification: Lecture

Contribution ID: 17

Type: **not specified**

Discussion

Tuesday, 19 August 2025 16:00 (1h 30m)

Presenter: Prof. XING, Zhi-zhong (IHEP, Beijing)

Session Classification: Discussion

Contribution ID: **18**

Type: **not specified**

Machine learning

Saturday, 23 August 2025 10:30 (1h 30m)

Presenter: Prof. OSTROVSKIY, Igor V. (IHEP, Beijing)

Session Classification: Lecture

Contribution ID: **19**

Type: **not specified**

Discussion

Saturday, 23 August 2025 16:00 (1h 30m)

Presenter: Prof. LU 卢显国, Xianguo (University of Warwick)

Session Classification: Discussion

Contribution ID: **20**

Type: **not specified**

Discussion

Friday, 22 August 2025 16:00 (1h 30m)

Presenter: ZHOU, Ye-Ling (Hangzhou Institute for Advanced Study)

Session Classification: Discussion