

**Joint TDLI and INPAC
Summer School on Particle
Physics 2022**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Why could I predict such small neutrino masses more than 43 years ago?

Monday, 4 July 2022 10:00 (1 hour)

Presenter: Prof. YANAGIDA, Tsutomu (TDLI)

Contribution ID: 2

Type: **not specified**

Models and The Standard Model

Monday, 4 July 2022 08:45 (1 hour)

Presenter: Prof. EVANS, Jason (TDLI)

Contribution ID: 3

Type: **not specified**

Discussions

Monday, 4 July 2022 11:15 (1 hour)

Presenters: Prof. EVANS, Jason (TDLI); Prof. YANAGIDA, Tsutomu (TDLI)

Contribution ID: 4

Type: **not specified**

Beyond the Standard Model

Wednesday, 6 July 2022 14:15 (1 hour)

Presenter: Prof. NAKAI, Yuichiro (TDLI)

Contribution ID: 5

Type: **not specified**

Precision muon physics

Wednesday, 6 July 2022 15:30 (1 hour)

Presenter: Prof. KHAW, Kim Siang (TDLI)

Contribution ID: 6

Type: **not specified**

Discussions

Wednesday, 6 July 2022 16:45 (1 hour)

Presenters: Prof. KHAW, Kim Siang (TDLI/SJTU); Prof. NAKAI, Yuichiro

Contribution ID: 7

Type: **not specified**

Dark matter theory

Tuesday, 5 July 2022 14:30 (1 hour)

Presenter: Prof. HE, Hong-Jian (TDLI & SJTU)

Contribution ID: 8

Type: **not specified**

Dark matter experiments

Thursday, 7 July 2022 10:00 (1 hour)

Presenter: Prof. ZHOU, Ning

Contribution ID: 9

Type: **not specified**

Discussions

Thursday, 7 July 2022 11:15 (1 hour)

Presenters: RAMSEY-MUSOLF, Michael (TDLI-SJTU); Prof. ZHOU, Ning

Contribution ID: **10**

Type: **not specified**

Dark photon theory

Thursday, 7 July 2022 14:15 (1 hour)

Presenter: Prof. HE, Xiao-Gang (TDLI)

Contribution ID: 11

Type: **not specified**

Collider physics: "from the great colliders to the great futures"

Tuesday, 5 July 2022 10:00 (1 hour)

Presenter: Prof. LI, Shu (TDLI/SJTU)

Contribution ID: 12

Type: **not specified**

Discussions

Thursday, 7 July 2022 16:45 (1 hour)

Presenters: Prof. HE, Xiao-Gang (TDLI); LIU, Kun (TDLI/SJTU)

Contribution ID: 13

Type: **not specified**

Neutrino theory

Monday, 4 July 2022 14:15 (1 hour)

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

Contribution ID: 14

Type: **not specified**

Neutrino experiments

Monday, 4 July 2022 15:30 (1 hour)

Presenter: Prof. MENG, Yue

Contribution ID: 15

Type: **not specified**

Discussions

Monday, 4 July 2022 16:45 (1 hour)

Presenters: Prof. GE, Shao-Feng (TDLI-SJTU); Prof. MENG, Yue (Shanghai Jiao Tong University)

Contribution ID: **16**

Type: **not specified**

Neutrino telescopes

Wednesday, 6 July 2022 10:00 (1 hour)

Presenter: Prof. XU, Donglian (T D Lee Institute)

Contribution ID: 17

Type: **not specified**

Dense matter and neutron stars

Wednesday, 6 July 2022 08:45 (1 hour)

Presenter: Prof. HAN, Sophia (TDLI)

Contribution ID: **18**

Type: **not specified**

Discussions

Wednesday, 6 July 2022 11:15 (1 hour)

Presenters: XU, Donglian (T D Lee Institute); Prof. HAN, Sophia

Contribution ID: 20

Type: **not specified**

Dark photon experiments

Thursday, 7 July 2022 15:30 (1 hour)

Presenter: LIU, Kun (TDLI/SJTU)

Contribution ID: 21

Type: **not specified**

Discussions

Tuesday, 5 July 2022 11:15 (1 hour)

Presenters: LI, Shu (TDLI/SJTU); Prof. ZHANG, Qi-An

Contribution ID: 22

Type: **not specified**

Collider physics: Higgs physics

Tuesday, 5 July 2022 13:15 (1 hour)

Presenter: LIU, Kun (TDLI/SJTU)

Contribution ID: 23

Type: **not specified**

Electronics in particle physics experiments

Friday, 8 July 2022 10:00 (1 hour)

Presenter: Prof. WU, Weihao (SJTU)

Contribution ID: 24

Type: **not specified**

Discussions

Friday, 8 July 2022 11:15 (1 hour)

Presenters: Prof. HUANG, Junting (SJTU); Prof. WU, Weihao (SJTU)

Contribution ID: 25

Type: **not specified**

QFT and the Early Universe

Thursday, 7 July 2022 08:45 (1 hour)

Presenter: Prof. RAMSEY-MUSOLF, Michael (TDLI/SJTU)

Contribution ID: 26

Type: **not specified**

Lattice QCD

Tuesday, 5 July 2022 08:45 (1 hour)

Presenter: Prof. ZHANG, Qi-An

Contribution ID: 27

Type: **not specified**

Discussions

Tuesday, 5 July 2022 17:00 (1 hour)

Presenters: HE, Hong-Jian (TDLI & SJTU); Prof. LIU, Kun; Prof. VISINELLI, Luca (TDLI)

Contribution ID: 28

Type: **not specified**

The Profound Beauty of Nucleus

Friday, 8 July 2022 14:15 (1 hour)

Presenter: Prof. ZHAO, Yu-Min (SJTU)

Contribution ID: 29

Type: **not specified**

QCD Collider

Friday, 8 July 2022 15:30 (1 hour)

Presenter: Prof. YAN, Kai (SJTU)

Contribution ID: **30**

Type: **not specified**

Discussions

Friday, 8 July 2022 16:45 (1 hour)

Presenters: Prof. YAN, Kai (SJTU); Prof. ZHAO, Yu-Min (SJTU)

Contribution ID: 33

Type: **not specified**

Opening of the summer school

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

Contribution ID: **36**

Type: **not specified**

Registration

Contribution ID: 37

Type: **not specified**

Neutrinoless double beta decay

Friday, 8 July 2022 08:45 (1 hour)

Presenter: Prof. HUANG, Juntong (SJTU)

Contribution ID: **38**

Type: **not specified**

Axion Star

Tuesday, 5 July 2022 15:45 (1 hour)

Presenter: Prof. VISINELLI, Luca (TDLI)

Contribution ID: 39

Type: **not specified**

Student talks

Monday, 4 July 2022 19:00 (1h 20m)

Presenters: KONG, Chui-Fan; HUI, Jiaqi; SUN, Jin; TIAN, Wei

Contribution ID: **40**

Type: **not specified**

Dinner break

Contribution ID: 41

Type: **not specified**

Student talks

Wednesday, 6 July 2022 19:00 (1h 20m)

Presenters: SI, Lin; SHENG, Jie; MA, Chang; YUE, Tong-Gang

Contribution ID: 42

Type: **not specified**

Student talks

Thursday, 7 July 2022 19:00 (1h 20m)

Presenters: HU, Tianqi; MAO, Lining; LIU, Qibin; ZHU, Yifan