

Conference on Tsung-Dao Lee's Academic Contributions

One of the event series for Tsung-Dao Lee's 95th Birthday

$$G = \frac{m_1 m_2}{r^2} \hat{r}$$

$$\mu_0 = \mu_0 \hat{z}$$

$$C = \frac{1}{\sqrt{\mu_0 \epsilon_0}}$$
$$m c^2$$

$$c^2 dt^2 - dx^2 - dy^2 - dz^2$$

$$-\frac{1}{2} R g^{\mu\nu} - \lambda g^{\mu\nu} = \kappa T^{\mu\nu}$$

Date: November 24, 2021

Location:

Room 300, 3rd floor, No.5 Science Building

Organizers:

Tsung-Dao Lee Institute,
School of Physics and Astronomy,
Tsung-Dao LEE Library



直播入口

95

李政道先生
九十五华诞
The 95th Birthday of
Tsung-Dao Lee



李政道研究所
Tsung-Dao Lee Institute



上海交通大学
物理与天文学院
School of Physics and Astronomy, SJTU



李政道圖書館
TSUNG DAO (T.D.) LEE LIBRARY

Conference on Tsung-Dao Lee's Academic Contributions

Date: November 24, 2021

Venue: Room 300, No. 5 Science Building, Minhang Campus, SJTU

Agenda (30' talk + 10' Q&A)

Time	Talk Title
Session 1 (Chair: Wei Ku)	
8:30-9:10	<i>Frank Wilczek</i> (TDLI, SJTU) From P to T to Axions
9:10-9:50	<i>Dong Lai</i> (Cornell Univ.) Astrophysical Compact Objects: From White Dwarfs to Merging Black Holes
9:50-10:10	Coffee Break
Session 2 (Chair: Jianglai Liu)	
10:10-10:50	<i>Jinfeng Jia</i> (SPA & TDLI, SJTU) Topological superconductivity in TCI and segmented Fermi surface
10:50-11:30	<i>Xiaogang He</i> (TDLI, SJTU) Particle Physics -- Where are we now?

Session 3 (Chair: Pengjie Zhang)	
13:30-14:10	<p><i>Yipeng Jing</i> (SPA & TDLI, SJTU)</p> <p>The connection of galaxies with dark matter</p>
14:10-14:50	<p><i>Wei Ku</i> (TDLI, SJTU)</p> <p>Emergent Bose liquid, the next book of the condensed matter physics?</p>
14:50-15:10	Coffee Break
Session 4 (Chair: Dong Qian)	
15:10-15:50	<p><i>Cristiane Morais Smith</i> (Univ. of Utrecht)</p> <p>TBD</p>
15:50-16:30	<p><i>John Ellis</i> (King's College London & CERN)</p> <p>Which way beyond the Standard Model?</p>