



# 第十四届TeV物理工作组学术研讨会 (14th workshop on TeV Physics)

Saturday, 20 April 2019

Session - Lecture Hall A (1st floor) (08:00 - 09:45)

| time  | [id] | title  | presenter          |
|-------|------|--|--------------------|
| 08:00 | [0]  | Opening Speech   | Prof. WANG, Qing   |
| 08:05 | [1]  | Welcome Speech   | ZHANG, Xu-yu       |
| 08:15 | [2]  | What Do I Believe Now ?                                    | Prof. YANAGIDA, T. |
| 08:45 | [4]  | Enlighten Dark Photon With Kinetic Mixing                  | Prof. HE, Xiaogang |
| 09:15 | [5]  | Effective field theory approach to lepton number violation | Prof. LIAO, Yi     |

Session - Lecture Hall A(1st floor) (10:15 - 12:15)

| time  | [id] | title                                      | presenter           |
|-------|------|--|---------------------|
| 10:15 | [8]  | Probing CP nature of top-Higgs coupling    | Prof. CAO, Qinghong |
| 10:45 | [6]  | Review of ATLAS experiment                 | Prof. LI, Haifeng   |
| 11:15 | [7]  | Recent highlights from the CMS experiment  | Prof. HU, Zhen      |
| 11:45 | [10] | Recent highlights from the LHCb experiment | Prof. QIAN, Wenbin  |

# Sunday, 21 April 2019

## Session - Lecture Hall-A (1st floor) (08:00 - 10:00)

| time  | [id] title   | presenter           |
|-------|--|---------------------|
| 08:00 | [80] Natural Supersymmetry Phenomenology                   | Prof. XERXES, Tata  |
| 08:30 | [87] Higgs Boson: the Unique Window to New Physics         | Prof. HE, Hong-jian |
| 09:00 | [67] Higher order corrections for Higgs production at CEPC | Prof. JIA, Yu       |
| 09:30 | [36] Top Quark Physics                                     | Prof. YANG, Lilin   |

## Session - Lecture Hall A(1st floor) (10:20 - 12:20)

| time  | [id] title  | presenter           |
|-------|---|---------------------|
| 10:20 | [37] Recent Theoretical Progress on Heavy Flavor Physics            | Prof. WANG, Wei     |
| 10:50 | [38] Standard Model Effective Field Theory from On-shell Amplitudes | Prof. SHU, Jing     |
| 11:20 | [33] Dynamics of Heavy Fields in the Early Universe                 | Prof. WANG, Yi      |
| 11:50 | [34] Cosmological collider phenomenology                            | Dr XIANYU, Zhongzhi |

## Monday, 22 April 2019

Session - Lecture Hall A(1st floor) (08:30 - 10:30)

| time  | [id] | title  | presenter                 |
|-------|------|--|---------------------------|
| 08:30 | [61] | CPT violation from cosmic neutrinos  | Prof. MA, Boqiang         |
| 09:00 | [9]  | Recent progress on neutrino physics  | Prof. LI, Yufeng          |
| 09:30 | [62] | Origin of the cosmic positron excess: DM? pulsar! DM!? pulsar! DM? pulsar? | Prof. BI, Xiaojun         |
| 10:00 | [35] | Energizing Higgs Phenomenology for the High Luminosity Runs                | Prof. SPANNOWSKY, Michael |

Session - 新地酒店 (10:50 - 12:30)

| time  | [id] | title   | presenter         |
|-------|------|---|-------------------|
| 10:50 | [64] | Effective Quintessence from String Landscape    | Prof. XUE, Xun    |
| 11:20 | [63] | The Resonant Cavity Study for Axion Dark Matter | Prof. LI, Tianjun |
| 11:50 | [65] | Amplitude Reduction                             | Prof. LI, Zhao    |
| 12:20 | [66] | Closing Speech                                  | Prof. HAN, Tao    |