

SJTU-U. Sydney Workshop on the Electroweak Phase Transition

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration

Wednesday, 18 December 2019 08:30 (30 minutes)

Lecture Hall, 300-2

Contribution ID: 2

Type: **not specified**

Welcome Speech

Wednesday, 18 December 2019 09:00 (15 minutes)

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

Contribution ID: 3

Type: **not specified**

EWPT Overview: Opportunities & Open Questions

Wednesday, 18 December 2019 09:15 (45 minutes)

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

Contribution ID: 4

Type: **not specified**

Strong electroweak phase transition and new infrared physics

Wednesday, 18 December 2019 10:00 (45 minutes)

Presenter: Dr TENKANEN, Tuomas (U. Bern)

Contribution ID: 5

Type: **not specified**

Tea Break

Contribution ID: 6

Type: **not specified**

Nonperturbative thermodynamics of multi-Higgs models

Wednesday, 18 December 2019 11:15 (45 minutes)

Presenter: Dr NIEMI, Lauri (U. Helsinki)

Contribution ID: 7

Type: **not specified**

Discussion

Wednesday, 18 December 2019 12:00 (30 minutes)

Contribution ID: 8

Type: **not specified**

Lunch

Wednesday, 18 December 2019 12:30 (1h 30m)

Contribution ID: 9

Type: **not specified**

Probing the Electroweak Sphaleron with Gravitational Waves

Wednesday, 18 December 2019 14:00 (45 minutes)

Presenter: Prof. BIAN, Ligong (Chongqing U)

Contribution ID: **10**

Type: **not specified**

Shape of Higgs potential at the future colliders

Wednesday, 18 December 2019 14:45 (45 minutes)

Presenter: Prof. YU, Jiang-Hao (ITP Beijing)

Contribution ID: 11

Type: **not specified**

Phase transition in Twin Higgs Models

Wednesday, 18 December 2019 16:00 (45 minutes)

Presenter: Dr FUJIKURA, Kohei (Tokyo Institute of Technology)

Contribution ID: 12

Type: **not specified**

Gravitational radiation and Majorana neutrinos

Wednesday, 18 December 2019 16:45 (45 minutes)

Presenter: Prof. ADDAZI, Andrea

Contribution ID: 13

Type: **not specified**

Discussion

Wednesday, 18 December 2019 17:30 (30 minutes)

Contribution ID: 14

Type: **not specified**

Banquet

Wednesday, 18 December 2019 18:00 (1 hour)

Contribution ID: 15

Type: **not specified**

Scale-invariant paradigm for particle physics and cosmology

Thursday, 19 December 2019 09:15 (45 minutes)

Presenter: Prof. KOBAKHIDZE, Archil (THE UNIVERSITY OF SYDNEY)

Contribution ID: 16

Type: **not specified**

Electroweak monopoles and the electroweak phase transition

Thursday, 19 December 2019 10:00 (45 minutes)

Presenter: Dr ARANUSALAM, Sundy (TDLI)

Contribution ID: 17

Type: **not specified**

Gravitational footprints of massive neutrinos and lepton number breaking

Thursday, 19 December 2019 11:15 (45 minutes)

Presenter: Prof. MARCIANO, Antonino (Fudan U.)

Contribution ID: **18**

Type: **not specified**

Discussion

Thursday, 19 December 2019 12:00 (30 minutes)

Contribution ID: **19**

Type: **not specified**

Lunch

Thursday, 19 December 2019 12:30 (1h 30m)

Contribution ID: 20

Type: **not specified**

Probing the EW phase transition with resonant di-Higgs production

Thursday, 19 December 2019 14:00 (45 minutes)

Presenter: Prof. LI, Haolin

Contribution ID: 21

Type: **not specified**

Strong first-order phase transitions in the NMSSM and methods for finding them

Thursday, 19 December 2019 14:45 (45 minutes)

Presenter: Prof. FOWLIE, Andrew (Nanjing Normal U.)

Contribution ID: 22

Type: **not specified**

Close out discussion

Thursday, 19 December 2019 16:00 (1 hour)