

Kavli IPMU 10th anniversary symposium 16 - 18 October 2017



KAVLI
IPMU INSTITUTE FOR THE PHYSICS AND
MATHEMATICS OF THE UNIVERSE

Report of Contributions

Contribution ID: 2

Type: **not specified**

16_05_Particle Physics Today, Tomorrow and Beyond

Monday, 16 October 2017 13:00 (30 minutes)

Presenter: ELLIS, John (King's College London)

Contribution ID: 3

Type: **not specified**

17_01_First Light: The Earliest Galaxies and Their Role in Cosmic Reionization

Tuesday, 17 October 2017 09:00 (30 minutes)

Primary author: ELLIS, Richard (UCL)

Presenter: ELLIS, Richard (UCL)

Contribution ID: 4

Type: **not specified**

17_04_Compensating strong coupling with large charge

Tuesday, 17 October 2017 11:00 (30 minutes)

Presenter: REFFERT, Susanne (University of Bern)

Contribution ID: 5

Type: **not specified**

16_06_Atmospheric neutrino experiments

Monday, 16 October 2017 13:30 (30 minutes)

Presenter: KAJITA, Takaaki (ICRR / Kavli IPMU)

Contribution ID: 6

Type: **not specified**

16_02_The SYK model

Monday, 16 October 2017 09:30 (30 minutes)

Presenter: GROSS, David (KITP, University of California Santa Barbara)

Contribution ID: 7

Type: **not specified**

16_04_New Physics from Observations of the Cosmic Microwave Background

Monday, 16 October 2017 11:00 (30 minutes)

Primary author: SPERGEL, David (Princeton University & Flatiron Institute)

Presenter: SPERGEL, David (Princeton University & Flatiron Institute)

Contribution ID: 8

Type: **not specified**

17_02_The world without walls

Tuesday, 17 October 2017 09:30 (30 minutes)

Primary author: OKOUNKOV, Andrei

Co-author: AGAMAGIC, Mina

Presenter: OKOUNKOV, Andrei

Contribution ID: 9

Type: **not specified**

17_03_Observation of supernova neutrinos ☒ Past and Now ☒

Tuesday, 17 October 2017 10:00 (30 minutes)

Presenter: NAKAHATA, Masayuki (Kamioka Observatory, ICRR/ Kavli IPMU, Kamioka satellite the Univ. of Tokyo)

Contribution ID: **10**

Type: **not specified**

17_05_Extension theorems for differential forms on singular spaces

Tuesday, 17 October 2017 11:30 (30 minutes)

Presenter: SCHNELL, Christian (Stony Brook University)

Contribution ID: **11**

Type: **not specified**

16_01_Opening Remarks

Monday, 16 October 2017 09:00 (30 minutes)

Presenter: MURAYAMA, Hitoshi (Kavli IPMU / UC Berkeley)

Contribution ID: 12

Type: **not specified**

16_03_Mass and angular momentum in general relativity

Monday, 16 October 2017 10:30 (30 minutes)

Presenter: YAU, Shing-Tung (Harvard University)

Contribution ID: **13**

Type: **not specified**

17_06_Extraordinary Supernovae

Tuesday, 17 October 2017 13:30 (30 minutes)

Presenter: QUIMBY, Robert (San Diego University)

Contribution ID: **14**

Type: **not specified**

17_07_Axions

Tuesday, 17 October 2017 14:00 (30 minutes)

Presenter: TAKAHASHI, Fuminobu (Tohoku University)

Contribution ID: 15

Type: **not specified**

17_08_Correlation functions on (2,2) and (0,2) hybrid models

Tuesday, 17 October 2017 14:30 (30 minutes)

Presenter: ROMO, Mauricio (IAS)

Contribution ID: 16

Type: **not specified**

17_09_Observing Supernova Neutrinos... Within the Next Three Years!

Tuesday, 17 October 2017 15:30 (30 minutes)

Presenter: VAGINS, Mark (Kavli IPMU)

Contribution ID: 17

Type: **not specified**

17_10_What is Quantum Field Theory?

Tuesday, 17 October 2017 16:00 (30 minutes)

Presenter: TACHIKAWA, Yuji (Kavli IPMU)

Contribution ID: **18**

Type: **not specified**

17_11_Gong_Show

Tuesday, 17 October 2017 16:30 (1 hour)

Presenters: IKEDA, Akishi (Kavli IPMU); SONNENFELD, Alessandro (Kavli IPMU); XU, Benda (Kavli IPMU); SIMPSON, Charles Henry (Kavli IPMU); JIANG, Chen (Kavli IPMU); CHERNYAK, Dmitry (Kavli IPMU); OUCHI, Genki (Kavli IPMU); FUKUDA, Hajime (Kavli IPMU); YONEKURA, Kazuya (Kavli IPMU); BERTOLINI, Marco (Kavli IPMU); TAKEUCHI, Michihisa (Kavli IPMU); ISHIGAKI, Miho (Kavli IPMU); COX, Peter (Kavli IPMU); MURATA, Ryoma (Kavli IPMU); MAEDA, Shunsuke (Kavli IPMU); MORE, Shurud (Kavli IPMU); MELIA, Tom (Kavli IPMU); VLADISAVLJEVIC, Tomislav (Kavli IPMU); DONOVAN, Will (Kavli IPMU)

Contribution ID: **19**

Type: **not specified**

17_12_Poster Session

Tuesday, 17 October 2017 17:30 (30 minutes)

Contribution ID: 20

Type: **not specified**

18_01_An interdisciplinary study between particle physics and astrophysics at Kavli IPMU

Wednesday, 18 October 2017 09:00 (30 minutes)

Presenter: MATSUMOTO, Shigeki (Kavli IPMU)

Contribution ID: 21

Type: **not specified**

18_02_Cosmology with Subaru Hyper Suprime-Cam

Wednesday, 18 October 2017 09:30 (30 minutes)

Presenter: TAKADA, Masahiro (Kavli IPMU)

Contribution ID: 22

Type: **not specified**

18_03_A mathematical definition of Gopakumar-Vafa invariants

Wednesday, 18 October 2017 10:00 (30 minutes)

Presenter: TODA, Yukinobu (Kavli IPMU)

Contribution ID: 26

Type: **not specified**

18_07_Closing Remarks

Wednesday, 18 October 2017 12:30 (30 minutes)

Presenter: MURAYAMA, Hitoshi (Kavli IPMU/UC Berkeley)