

CosPA2017 Plenary Program

Monday December 11

9:30 Registration
 10:15 Opening *Chair: Raymond Volkas (President of APCosPA)*
 Misao Sasaki YITP Greetings from Chair of AAPPS-DACG
 Shinya Aoki YITP Greetings from Director of Yukawa Institute for Theoretical Physics
 10:30 Kiwoon Choi IBS-CTPU Clockwork and its continuum limit
 11:00 Tanmay Vachaspati Arizona State U. Fundamental Implications of Primordial Magnetic Fields
 11:30 Shoji Torii Waseda U CALET : Summary of the First Two-Year on Orbit
 12:00 Yi-Zhong Fan Purple Mountain Obs DAMPE mission and its first results
 12:30 Lunch
 14:00 Shun Zhou IHEP CAS *Chair: Masahide Yamaguchi*
 14:30 Levon Pogosian Simon Fraser U What Can We Learn From Astrophysical Neutrinos?
 15:00 3 minutes' talk by poster presenters What can Cosmology tell us about Gravity?
 16:00 Poster Session
 17:00 Beer and snack will be served
 18:30 Adjourn

Tuesday December 12

9:00 Lam Hui Columbia U *Chair: Tomohiro Harada*
 9:30 Shigeki Matsumoto Kavli IPMU Ultra-light axion dark matter
 10:00 Nicole Bell U of Melbourne The WIMP Hypothesis Today
 10:30 Coffee Break Minimal Self-Consistent Dark Matter Simplified Models and Beyond
 11:00 Mengjiao Xiao U of Maryland *Chair: Takahiro Tanaka*
 11:30 Eli Waxman Weizmann Inst. Dark matter search results from the PandaX-II experiment
 12:00 Hitoshi Murayama Kavli IPMU High energy neutrino astronomy: What have we learned?
 12:30 Lunch Hierarchy Problem, Dark Matter, Dark Energy
 14:00 Parallel Sessions

Wednesday December 13

9:00 Yi Wang HKUST *Chair: Sung-Won Kim*
 9:30 Shun-Pei Miao Cheng Kung U Inflation as a Cosmological Collider
 10:00 Seong-Chan Park Yonsei U QFT during Inflation: Issues & Results
 10:30 Coffee Break Higgs inflation updates
 11:00 Fabien Nugier LeCosPA *Chair: Misao Sasaki*
 11:30 Rong-Gen Cai ITP CAS Looking for deviations in the large scale structure
 12:00 Yue-Liang Wu UCAS Standard Siren and Dark Sector with Gaussian Process
 12:30 Lunch Taiji Program in Space for GWD and The Nature of Gravity
 14:00 Parallel Sessions
 16:00 Evening Excursion Get on the buses waiting on Imadegawa Street

Thursday December 14

9:00 Mark Trodden U of Pennsylvania *Chair: Chao-Qiang Geng*
 9:30 Niayesh Afshordi Perimeter Inst Cosmic Acceleration: Status and Prospects
 10:00 Takayuki Saito ICRR Quantum Black Holes in the Sky
 10:30 Coffee Break Next generation groundbased gamma ray observatory CTA
 11:00 Yvonne Wong U of New South Wales *Chair: Hideo Kodama*
 11:30 Tomotake Matsumura Kavli IPMU CMB cosmology
 12:00 Xinmin Zhang IHEP CAS Current status and future prospect of studying the physics of early universe
 12:30 Lunch using the measurement of the cosmic microwave background polarization
 14:00 Parallel Sessions Ali CMB Project
 19:00 Banquet

Friday December 15

9:00 Kipp Cannon RESCEU *Chair: Shinji Mukohyama*
 9:30 Kunihito Ioka YITP GW170817: Observation of Gravitational Waves from a Binary Neutron Star
 10:00 Teruaki Suyama RESCEU Interpreting GW170817 and the Electromagnetic Counterparts as a Short
 10:30 Coffee Break Gamma-Ray Burst
 11:00 Dong-han Yeom APCTP Primordial black holes and gravitational waves
 11:30 Alexei Starobinsky Landau Institute *Chair: Jun'ichi Yokoyama*
 12:00 Henry Tye HKUST Why concave rather than convex?: Possible explanations for the inflaton potential
 12:30 Bin Wang Shanghai Jiao Tong U from quantum cosmology
 13:10 Adjourn Why the cosmological constant is so small - a string theory perspective
 Interaction between dark energy and dark matter +

