

HORIBA INTERNATIONAL CONFERENCE

COSMO/CosPA 2010

Program

	Monday 27	Tuesday 28	Wednesday 29	Thursday 30	Friday 1
9:00	Registration				
10:00	Plenary	Plenary	Plenary	Plenary	Plenary
11:00					
12:00			Excursion		
13:00	Lunch	Lunch		Lunch	Lunch
14:00	Parallel	Plenary		Parallel	Plenary
15:00					
16:00					
17:00					
18:00		Poster and Beer			
19:00	Reception			Banquet	
20:00					
21:00					
22:00					

Monday, September 27

Chair Kiwoon Choi (KAIST)

9:30 Jun'ichi Yokoyama (RESCEU, The University of Tokyo)

Welcome

9:40 Petr Hořava (University of California, Berkeley, LBL, & IPMU)

General Covariance in Gravity at a Lifshitz Point

10:20 Wilfried Buchmüller (DESY)

Some recent development in leptogenesis

11:00 Break

Chair Tsutomu Yanagida (IPMU, The University of Tokyo)

11:30 Leszek Roszkowski (The University of Sheffield)

Dark Matter and Colliders

12:10 Rupak Mahapatra (Texas A&M University)

Dark Matter Direct Detection Experiments

12:50 Lunch

14:15 Parallel Sessions ABCD

19:00 Reception at the Sanjo Conference Hall, Lounge and Dining Hall

Tuesday, September 28

Chair Alessandro Melchiorri (Università di Roma "La Sapienza")

9:00 Joanna Dunkley (Oxford University and Princeton University)

Cosmology from ACT and WMAP

9:40 Masashi Hazumi (KEK)

Probing Inflation with CMB Polarization Measurements - QUIET, POLARBEAR and beyond

10:20 Robert Brandenberger (McGill University)

New Observational Windows for Searching for Cosmic Strings

11:00 Break

Chair Naoki Yoshida (IPMU, The University of Tokyo)

11:30 Michael Murphy (Swinburne University of Technology)

A new result on cosmological variation of the fine structure constant

12:10 Keiichi Umetsu (Academica Sinica IAA)

Probing the Distribution of Mass and Baryons in Clusters of Galaxies

12:50 Lunch

Chair Atsushi Taruya (RESCEU, The University of Tokyo)

14:10 Francis Bernardeau (Institut de Physique Théorique CEA Saclay)

The development of gravitational instabilities

14:50 Leonardo Senatore (Stanford University)

Inflation and its signatures

15:30 Break

Chair Kei-ichi Maeda (Waseda University)

16:00 Nemanja Kaloper (University of California, Davis)

Large Field Inflation, Ignobly

16:40 Eva Silverstein (Stanford University)

Comments on Tensor Modes from the Inflationary Era

17:20 Poster Discussion over Beer

19:30 Adjourn

Wednesday, September 29

Chair Leszek Roszkowski (The University of Sheffield)

9:00 Jihn E. Kim (Seoul National University)

String compactification toward MSSM

9:40 Ewan Stewart (KAIST)

A minimal supersymmetric cosmological model

10:20 Fuminobu Takahashi (IPMU, The University of Tokyo)

Higgs Chaotic Inflation with a Running Kinetic Term

11:00 Hitoshi Murayama (IPMU and UC Berkeley)

SuMIRE: a new window to the dark energy

11:20 Excursion

Thursday, September 30

Chair Jérôme Martin (Institut d'Astrophysique de Paris)

9:00 Pisin Chen (LeCosPA, National Taiwan University)

The Cosmological Constant Problem and its Possible Solutions

9:40 Satoshi Miyazaki (National Astronomical Observatory of Japan)

Subaru wide field survey to probe dark matter distribution and nature of dark energy

10:20 Alexei Starobinsky (RESCEU and Landau Institute)

Cosmology with $f(R)$ gravity

11:00 Break

Chair Koichi Hamaguchi (The University of Tokyo)

11:30 Zhi-Zhong Xing (Institute of High Energy Physics and TPCSF)

Neutrino Mixing and Cosmic Flavor Problems

12:10 Pierre Sikivie (University of Florida)

Bose-Einstein condensation of dark matter axions

12:50 Lunch

14:15 Parallel Sessions EFGH

17:50 Buses leave for the banquet

Friday, October 1

Chair Mihoko M. Nojiri (KEK)

9:00 Hiroshi Ogawa (ICRR, The University of Tokyo)

Status of XMASS experiment

9:40 Shoji Asai (The University of Tokyo)

The Latest status of LHC

10:20 Koichi Hamaguchi (The University of Tokyo)

Probing Reheating Temperature at the LHC with Long-Lived Staus

11:00 Break

Chair Nicole Bell (The University of Melbourne)

11:30 Esteban Roulet (Centro Atómico Bariloche and Instituto Balseiro)

Status of Ultra High Energy Cosmic Rays

12:10 Danny Marfatia (University of Kansas)

Dark matter and pulsar signals for PAMELA, Fermi and Atmospheric Cherenkov Telescopes

12:50 Lunch

Chair Raymond Volkas (The University of Melbourne)

14:10 Laura Covi (DESY)

Gravitino Dark Matter and the SUSY breaking spectrum

14:50 Gary Steigman (Ohio State University)

Big Bang Nucleosynthesis Confronts Cosmology And Particle Physics

15:30 Conclusion