
The 7th RESCEU International Symposium

**RESCEU Symposium on
Astroparticle Physics and Cosmology**

11(Tue) - 14(Fri) November 2008
Koshiba Hall, Faculty of Science,
The University of Tokyo, Hongo, Tokyo, Japan

Program of the oral session

Tuesday, 11 November

3:00 Registration starts at Koshiba Hall

Poster presentation and discussion

5:00 Welcome party and poster discussion

7:00 End

Wednesday, 12 November

Chair: J. Yokoyama

9:00 Opening

K. Sato (RESCEU Symposium Chair),

M. Yamamoto (Dean of School of Science, The University of Tokyo),

K. Makishima (Director of RESCEU)

9:20 E. Kolb (Chicago)

"Taking Sides on Dark Energy"

10:05 K. Koyama (Portsmouth)

"Large primordial non-Gaussianity from early universe"

10:50 Coffee Break

Chair: M. Kawasaki

11:20 K. Olive (Minnesota)

"BBN Concordance: What's the matter with Li"

12:05 K. Kohri (Lancaster)

"Cosmological models with long-lived SUSY particles"

12:50 Lunch

Chair: H. Kodama

2:00 A. Dolgov (Ferrara)

"Quantum anomalies and superluminal propagation. Is it possible? Is it dangerous?"

2:45 A. Vilenkin (Tufts)

"Holographic measure of the multiverse"

3:30 Coffee Break

Chair: T. Shiromizu

4:00 1 minute single-slide presentation of posters

Poster discussion over beer

Thursday, 13 November

Chair: H. Suzuki

9:00 J. Lattimer (SUNY)

"The Equation of State for Supernovae and Neutron Stars"

9:45 K. Kotake (NAO)

"Multidimensional modeling of core-collapse supernovae: new challenges and perspectives"

10:30 Coffee Break

Chair: S. Nagataki

11:00 W. Hillebrandt (Max Planck Inst.)

"Recent Progress in Type Ia Supernova Modeling and its Implication for Cosmology"

11:45 J. Beacom (Ohio)

"The Diffuse Supernova Neutrino Background"

12:30 Lunch

Chair: S. Mukohyama

1:45 K. Maeda (Waseda)

"Cosmology in Higher Dimensions"

2:30 P. Steinhardt (Princeton)

"Inflation, Dark Energy and Extra Dimensions"

3:15 Coffee Break

Chair: Y. Suto

3:45 J. Yokoyama (Tokyo)

"What can we learn about cosmophysics by observing only one Universe?"

4:30 K. Sato (Tokyo)

"From supernovae to inflation"

6:30 Banquet at Hibiya Matsumoto-ro

Friday 14, November

Chair: A. Taruya

9:00 G. Boerner (Max Planck Inst)
"The universal mass accretion history and density profile of dark matter haloes"

9:45 C. Park (KIAS)
"Cosmology from Topology of Large-Scale Structures of the Universe"

10:30 Coffee Break

Chair: C.H. Lee

11:00 K.W. Ng (KIPAC & Academia Sinica)
"CMB Polarization"

11:45 A. Ishibashi (KEK)
"On the acceleration of our universe and the effects of inhomogeneities"

12:30 Lunch

Chair: T. Totani

1:45 A. Yamamoto (KEK)
"Search for primordial antiparticle in cosmic rays with the BESS"

2:30 T. Yamamoto (Konan)
"Probing Extreme Universe through Ultra High Energy Cosmic Ray"

3:15 V. Berezhinsky (Gran Sasso National Lab)
"Diffusion of Ultra High Energy Cosmic Rays in expanding universe"

4:00 Coffee Break

Chair: T. Shigeyama

4:30 T. Kamae (SLAC)
"Gamma-ray Sky seen with Fermi Large Area Telescope"

5:15 C. Pethick (Nordita)
"Neutrino processes in dense matter"

6:00 Conclusion