
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

List of Poster Presentations

NUM	Name	Title of Presentation
C01	Daisuke Yonetoku (Kanazawa University)	Dark Energy in the early universe measured with Gamma-Ray Bursts
C02	shiro hirai (Osaka Electro- Communication University)	Time dependence of cosmological parameters in slow-roll inflation
C03	Hideki Asada (Hirosaki University)	Perturbation theory of N point-mass gravitational lens systems
C04	Satoshi Miyazaki (National Astronomical Observatory of Japan)	Hyper Suprime-Cam Project
C05	Takayuki Tatekawa (Department of Physics, Ochanomizu University)	Initial conditions based on Lagrangian perturbation theory for N-body simulations
C06	Takashi Hiramatsu (ICRR, University of Tokyo)	Non-linear evolution of density power spectrum in a closure theory
C07	Ryo Nagata (RESCEU, The University of Tokyo)	Primordial fluctuation spectrum after WMAP5yr
C08	Masahiro Nakashima (RESCEU)	WMAP-5yr Constraint on the Varying Fine Structure Constant
C09	Takahiro Nishimichi (Department of Physics, the University of Tokyo)	Modeling Nonlinear Evolution of Baryon Acoustic Oscillations: Convergence Regime of N-body Simulations and Analytic Models
C10	Takahiro Sato (Hiroshima University)	Testing general relativity on the scales of cosmology using the redshift-space distortion
C11	Toyokazu Sekiguchi (ICRR, The University of Tokyo)	Probing the primordial helium abundance and the effective number of neutrino species with CMB
C12	Hidenori Nomura (Hiroshima University)	Damping of the baryon acoustic oscillations in the matter power spectrum as a probe of the growth factor

C13	Cosimo Bambi (IPMU, University of Tokyo)	A proposal to test the weight of vacuum energy
C14	Graziano Rossi (Korea Institute for Advanced Study (KIAS))	Peak Statistics in the WMAP Sky: Non-Gaussianity?
C15	Kazuhide Ichikawa (University College London)	Constraining Kuiper Belt Objects from WMAP
C16	Shun Saito (Department of Physics, The University of Tokyo)	Prospects of neutrino masses through nonlinear power spectrum
C17	Kiyotomo Ichiki (RESCEU)	Constraints on Neutrino Masses from Weak Lensing
C18	Kazuhiko Kojima (University of Tokyo)	A new method to constrain the neutrino mass from CMB polarization with PMF
C19	Dai Yamazaki (Division of Theoretical Astronomy, National Astronomical Observatory of Japan)	Limiting the Neutrino Mass and the Primordial Magnetic Field from the Large Scale Structure
A20	Tomoya Takiwaki (RESCEU, The University of Tokyo)	General conditions for MHD explosions
A21	Yudai Suwa (Department of Physics, The University of Tokyo)	Gravitational wave emission from the central engine of gamma-ray bursts
A22	Keiichi Maeda (IPMU, U. Tokyo)	Observational Signatures of Supernova Explosion Asymmetry
A23	Masaomi Tanaka (University of Tokyo)	Optical Spectropolarimetry of Supernovae: Evidence for Aspherical Explosion
A24	Hiroki Nagakura (Waseda University)	Standing Accretion Shock Instability Around Black Hole
A25	Takashi Yoshida (National Astronomical Observatory of Japan)	Electron Fraction Dependence of Neutrino Spin-Flavor Conversion in Supernovae
A26	Hidetaka Sonoda (University of Tokyo)	Phase diagram of nuclear Pasta investigated by quantum molecular dynamics
A27	Shio Kawagoe (The University of Tokyo)	Neutrino oscillations in magneto-driven supernova explosions
A28	Akira MIZUTA (Center for Frontier Science, Chiba University)	Energy distribution of Relativistic GRB Jets from Collapsars
A29	Ken'ichiro Nakazato (Waseda University)	Oscillation and Future Detection of Failed Supernova Neutrinos from Black Hole Forming Collapse

A30	Yasuomi Kamiya (The University of Tokyo)	Intrinsic Dispersion of Type Ia Supernovae in the Color-color Diagram
A31	Nozomu Tominaga (National Astronomical Observatory of Japan)	Aspherical supernovae in the early universe
A32	Natsuko Izutani (The University of Tokyo)	Explosive Nucleosynthesis of Weak r-Process Elements in Extremely Metal-Poor Core-Collapse Supernovae
R33	Kazunori Nakayama (ICRR, University of Tokyo)	Direct/Indirect Detection Signatures of Dark Matter Annihilation
R34	Fuminobu Takahashi (IPMU, University of Tokyo)	Cosmic-ray positrons from a decaying dark matter
R35	Yoshiyuki Inoue (Kyoto University)	The Blazar Sequence and the Cosmic Gamma-Ray Background Radiation in the Fermi Era
R36	Hajime Takami (The University of Tokyo)	Cross-correlation between UHECR arrival distribution and large-scale structure
R37	Shunsaku Horiuchi (University of Tokyo)	Star formation rate and the diffuse supernova neutrino background
R38	Jyutarou Suzuki (Graduate University for Advanced Studies, National Astronomical Observatory Japan)	Removing Neutrino-Temperature Uncertainty from the Detection Rate of Supernova Relic Neutrinos
E39	SHIMANO Masahiro (Rikkyo University)	The scalar field potential of the super-inflation in Loop Quantum Cosmology
E40	Chia-Min Lin (National Tsing Hua University, Taiwan)	Modified D-term Inflation and Hilltop Inflation Models
E41	Shuichiro Yokoyama (Department of Physics, Nagoya University)	Primordial statistical anisotropy generated at the end of inflation
E42	Shuntaro Mizuno (RESCEU, The University of Tokyo)	Non-gaussianity from the bispectrum in general multiple field inflation
E43	Takeshi Kobayashi (The University of Tokyo)	Conformal Inflation, Modulated Reheating, and WMAP5
E44	Manabu Yoshimatsu (RESCEU, The University of Tokyo)	Generalized Stochastic Inflation
E45	Kohei Kamada (RESCEU, The University of Tokyo)	Dissipative effects and the MSSM inflation

E46	Kunihito Uzawa (Osaka City University)	Classification of dynamical intersecting brane solutions
E47	Osamu Seto (University of Minnesota)	A simple model of WIMP sneutrino dark matter
E48	Nobuyuki Sakai (Yamagata University)	Breathing bubbles and creation of universes
E49	Azusa Minamizaki (Ochanomizu University)	Baryogenesis by ratchet mechanism
E50	Ryo Saito (RESCEU)	Non-Gaussianity in Primordial Black Hole Formation
E51	Motohiko Kusakabe (The University of Tokyo, National Astronomical Observatory of Japan)	Effects of long-lived strongly interacting particles on Big-Bang nucleosynthesis
E52	SEOKTAE KOH (Institute of Theoretical Physics, Beijing)	Quantum Remnant of Scalar Fields: Dark Matter or Dark Energy?
E53	Ishware Neupane (University of Canterbury)	Quintessential Solutions to Cosmic Acceleration: The Inside Story
E54	Tsutomu Kobayashi (Waseda University)	Relativistic stars in $f(R)$ gravity, and absence thereof
E55	Takashi Torii (Osaka Institute of Technology)	Black Holes in the Einstein-Gauss- Bonnet-Dilaton Theory in Various Dimensions
E56	Takashi Tamaki (Waseda University)	Revisiting chameleon gravity--thin-shells and no-shells with appropriate boundary conditions
E57	Takashi Tamaki (Department of Physics, Waseda University)	Gravitating Q-balls and their stabilities
E58	Shunichiro Kinoshita (Department of Physics, The University of Tokyo)	Thermodynamic and dynamical stability of Freund-Rubin compactification
E59	Masashi OASA (Waseda Univ.)	Post-Newtonian parameters and constraints on TeVeS theory
E60	Ryo Wakebe (Waseda University)	Analysis of Supersymmetric Branes System in Time-dependent Background
E61	Yuuiti Sendouda (YITP, Kyoto University)	Higher curvature theories of gravity in the ADM canonical formalism

61 poster-presentations have been submitted.