

ExDiP2010 Program (as of November 8)

Nov. 9 (Tue)

10:00 Registration

10:45 Opening

11:00 – 12:00 Bobby Samir Acharya (ICTP, Trieste) Remote talk via EVO
“The Cosmological Moduli Solution(s): a non-thermal cosmological history in string/M theory”

12:00 – 13:15 Lunch

13:15 – 14:15 David H. Lyth (Lancaster U, UK)

“Generating the primordial curvature perturbation from inflation”

14:15 – 14:45 Tomo Takahashi (Saga U.)

"Scale-dependence of Non-Gaussianity as a probe of the early Universe"

14:45 – 15:15 Jun'ichi Yokoyama (RESCEU, U.Tokyo)

“G-inflation”

15:15 – 15:45 Coffee Break

15:45 – 16:30 Jiro Soda (Kyoto U.)

“Anisotropic inflation with gauge kinetic function”

16:30 – 17:15 Takahiro Tanaka (YITP, Kyoto U.)

“IR Issue in the inflationary universe”

17:15 – 17:45 Yuko Urakawa (Waseda U.)

"Revisit of primordial non-Gaussianities in gauge-invariant perturbation theory"

17:45 – 18:15 Hiroyuki Kitamoto (Soukendai, KEK)

"Quantum Field Theory in de Sitter space"

19:00-20:30 Welcome Dinner for Invited Participants

Nov. 10 (Wed)

9:30 – 10:30 Hideki Maeda (CECS, Chile)

"Five-dimensional black holes in cubic quasi-Lovelock gravity"

10:30 – 11:00 Coffee Break

11:00 – 12:00 Sandip Trivedi (TIFR, India)

*"Axion cosmology"

12:00 – 13:15 Lunch

13:15 – 14:15 Masahiro Yamaguchi (Tohoku U)

"SUSY breaking and axino cosmology"

14:15 – 15:00 Masahiro Kawasaki (ICRR, U.Tokyo)

"Isocurvature fluctuation as probe for the early universe"

15:00 – 15:30 Coffee Break

15:30 – 16:15 Fuminobu Takahashi (IPMU, U.Tokyo)

"Higgs inflation with running kinetic term"

16:15 – 16:45 Kazunori Nakayama (TC, KEK)

"Issues on supersymmetric hybrid inflation"

16:45 – 17:15 Nobuyuki Sakai (Yamagata U.)

"CMB and non-linear evolution of LSS"

17:15 – 17:45 Ryuichi Takahashi (Hirosaki U.)

"Estimating B-mode polarization of CMB induced by gravitational lensing of intervening matter using ray-tracing simulation "

17:45 – 18:15 Hajime Goto (Soukendai, KEK)

"Off-center CMB polarization anisotropy in the local void model "

19:00 – 21:00 **Banquet at Urban Hotel**

Nov. 11 (Thu)

9:30 – 10:30 Vitor Cardoso (IST, Portugal)

“Black hole instabilities”

10:30 – 11:00 Coffee Break

11:00 – 12:00 Hirotaka Yoshino (KEK)

"Instability of higher-dimensional rotating black holes"

12:00 – 13:15 Lunch

13:15 – 14:00 Akihiro Ishibashi (TC, KEK)

“Axionic instability of black holes”

14:00 – 14:30 Seong Chan Park (U. Tokyo)

"Microscopic black holes @ colliders in warped extra dimension"

14:30 – 15:00 Kent Yagi (Kyoto U.)

"Probing the size of extra dimension from gravitational wave astronomy"

15:00 – 15:30 Coffee Break

15:30 – 16:00 Ken'ichi Saikawa (U. Tokyo)

"Numerical simulation of string-wall networks and axionic domain wall problem"

16:00 – 16:30 Toyokazu Sekiguchi (ICRR, U. Tokyo)

"Axion radiation from cosmological axionic strings"

16:30 – 17:15 Nobuyoshi Ohta (Kinki U.)

"Axion and dark energy”

17:15 – 17:45 Shoichi Ichinose (Shizuoka U.)

“Dark Energy Problem and Renormalization Group Flow”

Nov. 12 (Fri)

9:30 – 10:30 Takayuki Tomaru (KEK)

“Axion experiments and its potential in KEK”

10:30 – 11:00 Coffee Break

11:00 – 11:45 Kazunori Kohri (TC, KEK)

“Axions in gamma-ray astrophysics”

11:45 – 13:00 Lunch

13:00 – 13:45 Hideo Kodama (TC, KEK)

“Influence of axionic fields on large scale structures”

13:45 – 14:30 Shinji Mukohyama (IPMU, U.Tokyo)

“Viability of Horava-Lifshitz theory”

14:30 – 14:45 Coffee Break

14:45 – 15:30 Shinji Tsujikawa (Tokyo U. Sci)

“Cosmology of a Galileon field”

15:30 – 16:00 Hayato Motohashi (RESCEU, U. Tokyo)

"Matter power specturm in $f(R)$ gravity with SDSS DR7"

16:00 Closing