

RESCEU SYMPOSIUM ON GENERAL RELATIVITY AND GRAVITATION

JGRG22

Poster Program

- P1 Yi-Peng Wu Matter density perturbations in modified teleparallel gravity theories of dark energy
- P2 Takashi Hamana Numerical simulations of gravitational lensing
- P3 Tomohiro Takahashi Instability of Charged Lovelock Black Holes
- P4 Chulmoon Yoo Black Hole Universe
- P5 Naomasa Fushimi Criterion for bound (or unbound) orbits in the Kottler spacetime
- P6 Takashi Hiramatsu Equivalence Principle Violation in Vainshtein Screened Two-Body Systems
- P7 Kouji Nakamura Problems in n th-order extension of the gauge-invariant perturbation theory
- P8 Kohkichi Konno Non-inertial effects on Landau levels
- P9 Hiroki Okawara Quantum interferometer in Chern-Simons modified gravity
- P10 Masato Kaneyama Excess power method with the Hilbert-Huang transform in search for gravitational wave signals
- P11 Junko Ohashi Potential-driven Galileon inflation
- P12 Masashi Kimura High velocity collision of charged shells around a black hole
- P13 Ken'ichi Saikawa Evolution and thermalization of axion dark matter in the condensed regime
- P14 Kouichi Nomura Ghost in Multimetric gravity
- P15 Shuichiro Yokoyama Scale-dependent bias with the higher order primordial non-Gaussianity
- P16 Shinya Tomizawa Local Penrose inequality and non-axisymmetric perturbations
- P17 Takao Kitamura Gravitational lensing by modified lens gravity
- P18 Koki Nakajima Deflection angle of light in an Ellis wormhole geometry
- P19 Yasumichi Sano Gravitational field of a rotating ring around a Schwarzschild black hole
- P20 Hideyoshi Arakida Effect of the cosmological constant on the bending of light and the cosmological lens equation
- P21 Takashi Torii Graphical approach to the Lovelock black holes
- P22 Haruna Murakami Short-range gravity experiment searching for a large extra dimension
- P23 Shunichiro Kinoshita Time evolution of D-brane in holographic QCD
- P24 Jonathan White Curvature perturbation in multi-field inflation with non-minimal coupling
- P25 Ryo Saito Features in the CMB spectrum as a probe of heavy physics during inflation
- P26 Keiki Saito High frequency limit for gravitational perturbations of cosmological models in modified gravity theories
- P27 Koji Izumi Perturbative solutions to the lens equation for multiple lens planes: SIS lens
- P28 Hisaaki Shinkai Wormhole dynamics in Gauss-Bonnet gravity
- P29 Yuta Yamada Numerical Study of 5-dimensional Gravitational Collapses
- P30 Takao Fukui Effect of Metric Perturbations in Vacuum 5D Universe on Material 4D Universe
- P31 Yuuiti Sendouda Gravitational wave background in Einstein plus Weyl gravity
- P32 Saki Tanaka Search of strong gravitational field around nuclei using electron-nuclear scattering experiment by geodetic precession
- P33 Hiromi Saida Theory for observational verification of black hole existence
- P34 Kotaro Fujisawa Equilibrium states of magnetized disc-central compact object systems
- P35 Seiju Ohashi Gravitational collapse of the Einstein cluster in the Lovelock gravity
- P36 Takuya Maki Einstein equation of state and its cosmological applications
- P37 Yuhei Miyamoto The effect of gauge fields on oscillating scalar fields at finite temperature
- P38 Hiromi Suzuki Cosmic wiggly string in black hole spacetime
- P39 Kazunari Eda Effect of dark matter halos around IMBHs on gravitational waves

PRESENTATION AWARDS

Participants who attended until the end of each parallel session have a right to vote for one talk in the session.

For the poster award, participants who participated in the discussion until 18:30 on Tuesday have a right to vote for one poster presentation.

Based on the results of the votes and recommendation by parallel session chairs, the selection committee consisting of the organizing committee members will decide who will be awarded.

In case you wish to move from one parallel room to the other? No problem, just vote for one of the talks you attended regardless of the room where you are at the end of the day.

PROCEEDINGS (for all the speakers and the poster contributors)

There are two options for the proceedings. You can choose whichever you like. In either case, proceedings will be published only on-line.

1) For those who want his/her presentation to be recorded as paper-style: Please go to the JGRG22 website after the symposium and download the template.

Deadline: 31 Dec. 2012

2) For those who do not want to take 1), his/her presentation is recorded in terms of the slides used in the symposium: Person in charge will collect your presentation file in pdf format after your presentation. Or you can send it to jgrg22@resceu.s.u-tokyo.ac.jp. We will put common front cover on each file and put them on the JGRG22 website.

WIRELESS LAN

Wireless LAN is available only at the Koshiba-hall.

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