

TIME		MON		TUE		WED		THU		FRI									
9:30	9:45	Registration		Robert M. Wald (U. of Chicago)		Hideo Kodama (KEK)				Wayne Hu (U. of Chicago)									
9:45	10:00																		
10:00	10:15							Richard Schoen (U. of California, Irvine)		Coffee break									
10:15	10:30																		
10:30	10:45	Opening		Short poster talks (2/3)		Short poster talks (3/3)													
10:45	11:00	Abhay Ashtekar (Penn State U.)		Coffee break		Coffee break													
11:00	11:15			Coffee break		Session 8a													
11:15	11:30																		
11:30	11:45			Parallel session 2a		Parallel session 2b		Parallel session 4a		Parallel session 4b		Parallel session 6a		Parallel session 6b		Presentation awards			
11:45	12:00	Short poster talks (1/3)																Closing	
12:00	12:15																		
12:15	12:30																		
12:30	12:45																		
12:45	13:00																		
13:00	13:15																		
13:15	13:30	Lunch & poster view		Lunch & poster view		Lunch & poster view		Lunch & poster view											
13:30	13:45																		
13:45	14:00																		
14:00	14:15																		
14:15	14:30	Parallel session 1a		Parallel session 1b		Parallel session 3a		Parallel session 3b		Parallel session 5a		Parallel session 5b		Parallel session 7a		Parallel session 7b			
14:30	14:45																		
14:45	15:00																		
15:00	15:15																		
15:15	15:30	Coffee break & poster view		Group photo, coffee break, & poster view		Coffee break & poster view		Coffee break & poster view											
15:30	15:45																		
15:45	16:00																		
16:00	16:15																		
16:15	16:30	Sean Hartnoll (Stanford U.)		Eiichi Hirose (U. of Tokyo)		Takashi Nakamura (Kyoto U.)		Mordehai Milgrom (WIS)											
16:30	16:45																		
16:45	17:00																		
17:00	17:15																		
17:15	17:30	Masaomi Tanaka (NAOJ)		Ken-ichi Oohara (Niigata U.)				Masahide Yamaguchi (TiTech)											
17:30	17:45																		
17:45	18:00																		
18:00	20:00																		
						Banquet													

Dec. 7 (Mon)

9:30 - Registration

10:30 - 10:45 Opening

[Session chair: Misao Sasaki]

10:45 - 11:45 Abhay Ashtekar (Penn State U.) “Gravitational waves from isolated systems: The phantom menace of a positive cosmological constant”

11:45 - 12:30 Short poster talks (1/3)

12:30 - 14:00 Lunch & poster view

[Session chair: Naoki Seto (1a) & Chulmoon Yoo (1b)]

14:00 - 15:30 Parallel sessions (1a & 1b)

15:30 - 16:30 Coffee break & poster view

[Session chair: Hideo Kodama]

16:30 - 17:15 Sean Hartnoll (Stanford U.) “Disordered horizons”

17:15 - 18:00 Masaomi Tanaka (NAOJ) “Electromagnetic Emission from Compact Binary Mergers”

Dec. 8 (Tue)

[Session chair: Takashi Nakamura]

09:30 - 10:30 Robert M. Wald (U. of Chicago) “Dynamic and Thermodynamic Stability of Black Holes and Black Branes”

10:30 - 10:45 Short poster talks (2/3)

10:45 - 11:00 Coffee break

[Session chair: Yasusada Nambu (2a) & Masaru Shibata (2b)]

11:00 - 12:30 Parallel sessions (2a & 2b)

12:30 - 14:00 Lunch & poster view

[Session chair: Masahide Yamaguchi (3a) & Ken-ichi Nakao (3b)]

14:00 - 15:30 Parallel sessions (3a & 3b)

15:30 - 16:30 Group photo, coffee break, & poster view

[Session chair: Hisaaki Shinkai]

16:30 - 17:15 Eiichi Hirose (U. of Tokyo) “Status of the KAGRA detector”

17:15 - 17:45 Ken-ichi Oohara (Niigata U.) “KAGRA Data Analysis and Data Management”

Dec. 9 (Wed)

[Session chair: Takahiro Tanaka]

09:30 - 10:30 Hideo Kodama (KEK) “Are Higher-Dimensional Theories Tool or Reality? – Compactification by Non-Compact Space –”

10:30 - 10:45 Short poster talks (3/3)

10:45 - 11:00 Coffee break

[Session chair: Akihiro Ishibashi (4a) & Hideki Ishihara (4b)]

11:00 - 12:30 Parallel sessions (4a & 4b)

12:30 - 14:00 Lunch & poster view

[Session chair: Yasufumi Kojima (5a) & Ken-ichi Oohara (5b)]

14:00 - 15:30 Parallel sessions (5a & 5b)

15:30 - 16:30 Coffee break & poster view

[Session chair: Kei-ichi Maeda]

16:30 - 17:30 Takashi Nakamura (Kyoto U.) “Some Topics of Sources of Gravitational Waves and available Physics from them”

18:00 - 20:00 Banquet

Dec. 10 (Thu)

[Session chair: Tetsuya Shiromizu]

10:00 - 11:00 Richard Schoen (U. of California, Irvine) “Localizing solutions of the Einstein equations”

11:00 - 11:15 Coffee break

[Session chair: Jiro Soda (6a) & Teruaki Suyama (6b)]

11:15 - 12:30 Parallel sessions (6a & 6b)

12:30 - 14:00 Lunch & poster view

[Session chair: Takeshi Chiba (7a) & Tsutomu Kobayashi (7b)]

14:00 - 15:30 Parallel sessions (7a & 7b)

15:30 - 16:30 Coffee break & poster view

[Session chair: Shinji Mukohyama]

16:30 - 17:15 Mordehai Milgrom (WIS) “Scale Invariance at low accelerations and the mass discrepancies in the Universe”

17:15 - 18:00 Masahide Yamaguchi (TiTech) “Beyond Inflation and Beyond Horndeski Theory”

Dec. 11 (Fri)

[Session chair: Antonio De Felice]

09:30 - 10:15 Wayne Hu (U. of Chicago) “Trouble with Metrics”

10:15 - 10:30 Coffee break

[Session chair: Hideki Asada]

10:30 - 11:45 Session (8a)

11:45 - 12:00 Presentation awards

12:00 - Closing

Monday Afternoon

Parallel Session 1a (Panasonic Hall)

Chair: Naoki Seto

No.	Time	Name	Affiliation	Title
1a1	14:00 - 14:15	Yoshio Kamiya	ICEPP	Experimental constraints on Fifth Force Candidates in Nanometer Range
1a2	14:15 - 14:30	Tatsuya Narikawa	Osaka City U.	Model-independently testing gravitational theory with gravitational-wave observations
1a3	14:30 - 14:45	Naoki Tsukamoto	Rikkyo U.	Microlens of light rays near photon sphere
1a4	14:45 - 15:00	Kazunari Eda	RESCEU	An all-sky coherent search for continuous gravitational waves in 6-7 Hz band with a torsion-bar antenna
1a5	15:00 - 15:15	Sousuke Noda	Nagoya U.	Wave optics in the Kerr spacetime and the black hole shadow
1a6	15:15 - 15:30	Kazuki Sakai	Nagaoka U. of Tech.	Amplitude-based approach to the detection of gravitational-wave bursts with the Hilbert-Huang Transform

Monday Afternoon

Parallel Session 1b (Maskawa Hall)

Chair: Chulmoon Yoo

No.	Time	Name	Affiliation	Title
1b1	14:00 - 14:15	Alexander Vikman	FZU, ASCR, & YITP	Mimetic Gravity
1b2	14:15 - 14:30	Masashi Kimura	DAMTP	On massive scalar field in AdS ₂
1b3	14:30 - 14:45	Cristian Martinez	CECs	Mass of asymptotically anti-de Sitter hairy spacetimes
1b4	14:45 - 15:00	Yosuke Misonoh	Waseda U.	Black holes and Thunderbolt Singularities with Lifshitz Scaling terms
1b5	15:00 - 15:15	Shoichiro Miyashita	Waseda U.	Monopole black holes in asymptotically AdS space time
1b6	15:15 - 15:30	Keiju Murata	Keio U.	Turbulent strings in AdS/CFT

Tuesday Morning

Parallel Session 2a (Panasonic Hall)

Chair: Yasusada Nambu

No.	Time	Name	Affiliation	Title
2a1	11:00 - 11:15	Kazuharu Bamba	Fukushima U.	Inflationary cosmology in fluid description
2a2	11:15 - 11:30	Hiroyuki Kitamoto	Kyoto U.	Stochastic Dynamics of Infrared Fluctuations in Accelerating Universe
2a3	11:30 - 11:45	Xian Gao	TiTech	Disformal transformation and cosmological perturbations of spatially covariant theories of gravity
2a4	11:45 - 12:00	Yi-Peng Wu	IoP, AS	Tracking cosmological attractor solutions with nonminimal coupling to gravity
2a5	12:00 - 12:15	Fumika Suzuki	UBC & IMS	Real and false loss of coherence in weak gravity
2a6	12:15 - 12:30	Yota Watanabe	Kavli IPMU	Derivative-dependent metric transformation and physical degrees of freedom

Tuesday Morning

Parallel Session 2b (Maskawa Hall)

Chair: Masaru Shibata

No.	Time	Name	Affiliation	Title
2b1	11:00 - 11:15	Kenta Kiuchi	YITP	Black hole-magnetized neutron star merger : Mass ejection and short gamma-ray burst
2b2	11:15 - 11:30	Kentaro Takami	KCCT	Rotational Properties of Hypermassive Neutron Stars from Binary Mergers
2b3	11:30 - 11:45	Ryuichi Fujita	IST	Arbitrarily eccentric orbits around a black hole
2b4	11:45 - 12:00	Koutarou Kyutoku	iTHES, RIKEN	Reducing orbital eccentricity in initial data of black hole-neutron star binaries in the puncture framework
2b5	12:00 - 12:15	Kyohei Kawaguchi	YITP	Gravitational waves from precessing black hole-neutron star mergers
2b6	12:15 - 12:30	Tomoya Kinugawa	Kyoto U.	The detection rate of Inspiral and QNMs of Pop III BH-BHs which can confirm or refute the GR in the strong gravity region

Tuesday Afternoon

Parallel Session 3a (Panasonic Hall)

Chair: Masahide Yamaguchi

No.	Time	Name	Affiliation	Title
3a1	14:00 - 14:15	Chulmoon Yoo	Nagoya U.	Gravitational Collapse of Collisionless Particle Systems in an Expanding Universe
3a2	14:15 - 14:30	Guillem Domènech Fuertes	YITP	Stationary bubbles and their tunneling channels toward trivial geometry
3a3	14:30 - 14:45	Mitsuhiro Fukushima	Waseda U.	Gravitational Baryogenesis after Anisotropic Inflation
3a4	14:45 - 15:00	Takahiro Hayashinaka	RESCEU	Fermionic Schwinger Current in 4-d de Sitter Spacetime
3a5	15:00 - 15:15	Asuka Ito	Kobe U.	Designing Anisotropic Inflation with Form Fields
3a6	15:15 - 15:30	Naritaka Oshita	RESCEU	Black holes as seeds of baby universe

Tuesday Afternoon

Parallel Session 3b (Maskawa Hall)

Chair: Ken-ichi Nakao

No.	Time	Name	Affiliation	Title
3b1	14:00 - 14:15	Sachiko Kuroyanagi	Nagoya U.	Probing properties of cosmic strings through Pulsar Timing Arrays
3b2	14:15 - 14:30	Chunshan Lin	YITP	Resonant Primordial Gravitational Waves Amplification
3b3	14:30 - 14:45	Ryo Namba	Kavli IPMU	Scale-dependent gravitational waves from a rolling axion
3b4	14:45 - 15:00	Hiroataka Yoshino	KEK	Axion Bosenova and Gravitational Waves
3b5	15:00 - 15:15	Ippei Obata	Kyoto U.	Primordial chiral GW spectrum from a non-Abelian gauge field
3b6	15:15 - 15:30	Peng Zhao	UCAS	The Quasi-normal Modes of Charged Scalar Fields in Kerr-Newman black hole and Its Geometric Interpretation

Wednesday Morning

Parallel Session 4a (Panasonic Hall)

Chair: Akihiro Ishibashi

No.	Time	Name	Affiliation	Title
4a1	11:00 - 11:15	Tetu Makino	Yamaguchi U.	On mathematical study of the Einstein-Euler-de Sitter equations
4a2	11:15 - 11:30	Kentaro Tomoda	Kobe U.	Antisymmetric tensor generalisations of affine vector fields
4a3	11:30 - 11:45	Benson Way	DAMTP	The Black Ring is Unstable
4a4	11:45 - 12:00	Kentaro Tanabe	KEK	Evolution and endpoint of the black string instability: Large D solution
4a5	12:00 - 12:15	Masato Nozawa	U. of Milan, INFN	Black holes with scalar hair in N=2 supergravity
4a6	12:15 - 12:30	Yasufumi Kojima	Hiroshima U.	Origin of outgoing electromagnetic power by a black hole rotation

Wednesday Morning

Parallel Session 4b (Maskawa Hall)

Chair: Hideki Ishihara

No.	Time	Name	Affiliation	Title
4b1	11:00 - 11:15	Ryotaro Kase	TUS	Existence and disappearance of conical singularities in GLPV theories
4b2	11:15 - 11:30	Norihiro Tanahashi	DAMTP	Causality, Hyperbolicity and Shock Formation in Lovelock Theories
4b3	11:30 - 11:45	Katsuki Aoki	Waseda U.	Relativistic stars in the bigravity theory
4b4	11:45 - 12:00	Kazufumi Takahashi	RESCEU	Universal instability of hairy black holes in Lovelock-Galileon theories in D dimensions
4b5	12:00 - 12:15	Kohji Yajima	Rikkyo U.	Suppressing the primordial tensor amplitude without changing the scalar sector in quadratic curvature gravity
4b6	12:15 - 12:30	Daisuke Yoshida	Kobe U.	Quasi-Normal Modes of Lovelock BH

Wednesday Afternoon

Parallel Session 5a (Panasonic Hall)

Chair: Yasufumi Kojima

No.	Time	Name	Affiliation	Title
5a1	14:00 - 14:15	Shinsuke Kawai	Sungkyunkwan U.	Holographic reheating
5a2	14:15 - 14:30	Motoyuki Saijo	Waseda U.	Unstable mechanism of low T/W dynamical instabilities in differentially rotating stars
5a3	14:30 - 14:45	Hajime Sotani	NAOJ	Oscillation spectra of the neutron stars with highly tangled magnetic fields
5a4	14:45 - 15:00	Nami Uchikata	Rikkyo U.	Deformation of thin-shell gravastars
5a5	15:00 - 15:15	Yuji Akita	Rikkyo U.	Primordial non-Gaussianities of gravitational waves beyond Horndeski
5a6	15:15 - 15:30	Yoshimune Tomikawa	Nagoya U.	New definition of wormhole throat

Wednesday Afternoon

Parallel Session 5b (Maskawa Hall)

Chair: Ken-ichi Oohara

No.	Time	Name	Affiliation	Title
5b1	14:00 - 14:15	E. P. Berni Ann Thushari	Kyushu U.	Observational constraints on variable equation of state parameters of dark matter and dark energy
5b2	14:15 - 14:30	Atsushi Naruko	TiTech	Gravitational scalar-tensor theory
5b3	14:30 - 14:45	Taishi Katsuragawa	Nagoya U.	Compact stars in massive gravity: theoretical analysis
5b4	14:45 - 15:00	Sakine Nishi	Rikkyo U.	Matter Creation in Generalized Galilean Genesis
5b5	15:00 - 15:15	Hiroomu Ogawa	Rikkyo U.	Instability of hairy black holes in shift-symmetric scalar-tensor theories
5b6	15:15 - 15:30	Sirachak Panpanich	Waseda U.	Effects of Vainstein Screening on LSB Galaxies and Milky Way

Thursday Morning**Parallel Session 6a (Panasonic Hall)****Chair: Jiro Soda**

No.	Time	Name	Affiliation	Title
6a1	11:15 - 11:30	Tsuyoshi Houri	Kobe U.	Prolongations of Killing-Stackel tensor equations
6a2	11:30 - 11:45	Kei Yamada	Kyoto U.	Non-chaotic evolution of Lagrange's orbit due to GW radiation reaction
6a3	11:45 - 12:00	Naoya Kitajima	APCTP	Disappearing inflaton potential
6a4	12:00 - 12:15	Shingo Kukita	Nagoya U.	Entanglement dynamics for two Unruh DeWitt detectors in de Sitter spacetime
6a5	12:15 - 12:30	Kunihito Uzawa	Kwansei Gakuin U.	Cosmic censorship in dynamical brane backgrounds

Thursday Morning**Parallel Session 6b (Maskawa Hall)****Chair: Teruaki Suyama**

No.	Time	Name	Affiliation	Title
6b1	11:15 - 11:30	Ryo Saito	APC	Modified gravity inside astrophysical bodies
6b2	11:30 - 11:45	Masato Minamitsuji	CENTRA, IST, UL	Slowly rotating black hole solutions in Horndeski gravity
6b3	11:45 - 12:00	Ivan Arraut	TUS	The Vainshtein mechanism in time-domains and the graviton Higgs mechanism
6b4	12:00 - 12:15	Alessandro Codello	CP ³ -Origins	Covariant Effective Field Theory of Gravity
6b5	12:15 - 12:30	Kohei Kamada	Arizona State U.	Higgs G-inflation and field-dependent cutoff scale

Thursday Afternoon**Parallel Session 7a (Panasonic Hall)****Chair: Takeshi Chiba**

No.	Time	Name	Affiliation	Title
7a1	14:00 - 14:15	Gyula Fodor	Paris Observatory	Localized oscillating configurations formed by real scalar fields
7a2	14:15 - 14:30	Mandar Patil	Rikkyo U.	Can we use gravity to generate ultra-high-energy cosmic rays and neutrinos?
7a3	14:30 - 14:45	Sadra Jazayeri	IPM	Anisotropies from fluctuations of a domain wall during inflation
7a4	14:45 - 15:00	Takafumi Kokubu	Rikkyo U.	Does the Gauss-Bonnet term stabilize wormholes?
7a5	15:00 - 15:15	Kota Ogasawara	Rikkyo U.	High energy particle emission from particle collision near an extremal Kerr black hole
7a6	15:15 - 15:30	Takayuki Ohgami	Yamaguchi U.	Wormhole shadows

Thursday Afternoon**Parallel Session 7b (Maskawa Hall)****Chair: Tsutomu Kobayashi**

No.	Time	Name	Affiliation	Title
7b1	14:00 - 14:15	Antonio Enea Romano	UDEA & UOC	Directional dependence of the local estimation of H_0 and the non perturbative effects of primordial curvature perturbations
7b2	14:15 - 14:30	Daisuke Yamauchi	RESCEU	Probing primordial non-Gaussianity consistency relation with galaxy surveys
7b3	14:30 - 14:45	Ichihiko Hashimoto	YITP	Modeling redshift-space bispectrum from perturbation theory
7b4	14:45 - 15:00	Yuki Sakakihara	Kyoto U.	Scalar perturbations in Bimetric Gravity
7b5	15:00 - 15:15	Yasuho Yamashita	YITP	Bigravity from gradient expansion
7b6	15:15 - 15:30	Daisuke Yoshida	TiTech	Perturbations of Cosmological and Black Hole Solutions in Massive Gravity and Bi-Gravity

Friday Morning**Session 8a (Panasonic Hall)****Chair: Hideki Asada**

No.	Time	Name	Affiliation	Title
8a1	10:30 - 10:45	Makoto Narita	NIT, Okinawa College	Global existence theorem for Gowdy symmetric spacetimes in supergravity theory
8a2	10:45 - 11:00	Hassan Firouzjahi	IPM	Anisotropic and Asymmetric Primordial Universe
8a3	11:00 - 11:15	Andrei Frolov	SFU	Results from Planck 2015
8a4	11:15 - 11:30	Teruaki Suyama	RESCEU	Spontaneous scalarization-induced dark matter and variation of the gravitational constant
8a5	11:30 - 11:45	Marcus Christian Werner	YITP	The Einstein-Struble Correspondence and Lorentz Invariance

Poster Presentations

No.	*	Name	Affiliation	Title
P01	M	Emel Altas Kiraci	METU	Consistency of the Minimal Massive Gravity
P02	M	Shun Arai	Nagoya U.	Inflationary perturbations in Lifshitz regime of Horava gravity
P03				none
P04	M	Yu Furuya	Hirosaki U.	Perturbations of Kasner-de Sitter spacetime
P05	M	Alexander Gallego	UdeA	Effects of local features of the inflaton potential on the spectrum and bispectrum of primordial perturbations
P06				none
P07	M	Shinichi Hirano	Rikkyo U.	Large scale suppression with ultra slow-roll inflation scenario
P08	T	Hideo Iguchi	Nihon U.	An Alternative Approach to Black Hole Thermodynamics: Renyi Entropy and Phase Transition
P09	M	Taishi Ikeda	Nagoya U.	Spherical symmetric domain wall collapse by numerical simulation
P10	M	Asahi Ishihara	Hirosaki U.	Bending angle of light in a non-asymptotically flat black hole
P11	M	Mao Iwasa	Kyoto U.	Orbital Evolution of Stars Around Shrinking Massive Black Hole Binaries
P12	M	Ryo Kato	Kobe U.	Detection of Circular Polarization in Stochastic Gravitational Wave Background with Pulsar Timing Arrays
P13	M	Daiki Kikuchi	Hirosaki U.	Possible orbiting gyroscope precession by a Chern-Simons modification to gravity
P14	T	Shunichiro Kinoshita	Chuo U.	Conic D-branes
P15				none
P16	M	Meguru Komada	Nagoya U.	Born-Infeld Gravity and Black Hole Formation
P17	M	Ken Matsuno	Osaka City U.	Slowly rotating dilatonic black holes with exponential form of nonlinear electrodynamics
P18	T	Takashi Mishima	Nihon U.	Behavior of the new cylindrically symmetric gravitational solitonic waves
P19	W	Umpei Miyamoto	Akita Pref. Univ.	Vacuum excitation by sudden (dis-)appearance of Dirichlet wall in a cavity
P20	T	Shuntaro Mizuno	WIAS	Halo/Galaxy Bispectrum with Equilateral-type Primordial Trispectrum
P21	M	Taisaku Mori	Nagoya U.	Two Dimensional Black Hole in Bigravity
P22	M	Taro Mori	SOKENDAI/KEK	Multi-field effects on Non-Gaussianity in Starobinsky inflation
P23	T	Hiroyuki Nakano	Kyoto U.	Possible golden events for ringdown gravitational waves -- total mass dependence --
P24	M	Hiroyuki Negishi	Osaka City U.	Remove systematic error due to isotropic inhomogeneities
P25	M	Tatsuya Ogawa	Osaka City U.	Cosmic string shielding of electric field of line charge
P26	M	Seiju Ohashi	KEK	Causality and shock formation in general scalar-tensor theory
P27				none
P28	M	Toshiaki Ono	Hirosaki U.	Sturm's theorem to marginal stable circular orbits
P29	W	Hisaaki Shinkai	Osaka Inst. of Tech.	Singularity formation in n-dimensional Gauss-Bonnet gravity
P30	W	Kiyoshi Shiraishi	Yamaguchi U.	Conditions on Scalar Potentials in Geometric Scalar Gravity
P31	M	Tomohito Suzuki	Hirosaki U.	Marginal stable circular orbits for stationary and axially symmetric spacetimes
P32	T	Masaaki Takahashi	Aichi U. of Education	MHD Wave Propagation in a Black Hole Magnetosphere
P33	T	Kenji Tomita	Kyoto U.	Cosmological entropy production, perturbations and CMB fluctuations in (1+3+6)-dimensional space-times
P34	M	Jonathan White	KEK	Gravitational reheating after multi-field inflation
P35	W	Kazuhiro Yamamoto	Hiroshima U.	Unruh radiation produced by a uniformly accelerating charged particle coupled to vacuum fluctuations
P36	M	Masashi Yamazaki	Nagoya U.	Compact stars in massive gravity : numerical analysis
P37	M	Yingli Zhang	NAOC	Theoretical Aspects of Nonlocal Gravity

* M: Short poster talk (1/3) on Monday

* T: Short poster talk (2/3) on Tuesday

* W: Short poster talk (3/3) on Wednesday