

## Schedule

<b>3 August (Wed)</b>			reception desk: 15:00–17:00
(time)	(speaker)	(title)	(chair)
19:00 – 20:30	Takahiro Matsubara	The Lagrangian resummation theory	T. Shiromizu
<b>4 August (Thu)</b>			SI office: 13:00–13:45
09:30 – 10:30	Takeshi Chiba	Constancy of the Constants of Nature: Update	J. Yokoyama
11:00 – 12:00	Tsutomu Kobayashi	Galileon Cosmology I	
14:00 – 15:00	Tsutomu Kobayashi	Galileon Cosmology II	M. Yamaguchi
15:15 – 15:45	Shuntaro Mizuno	Primordial non-Gaussianity from the multi-field DBI Galileon	Bernard Carr
16:00 – 16:30	Shinji Tsujikawa	Inflation in modified gravitational theories	
16:40 – 17:10	Antonio De Felice	Stability of spherical symmetric spacetimes in Modified Gravity	
<b>5 August (Fri)</b>			SI office: 13:00–13:30
09:30 – 10:30	Takeshi Kobayashi	Aspects of D-Brane Inflation in String Cosmology	J. Soda
11:00 – 12:00	Yasuhiro Sekino	Topics in eternal inflation	T. Tanaka
14:00 – 15:00	Sachiko Kuroyanagi	Gravitational waves from inflation	T. Chiba
16:00 – 16:30	Matthew Lake	Mimicking extra-dimensional effects with field-theoretic structure in cosmic strings	D. Marfatia
16:40 – 17:10	Yuko Urakawa	Gauge artifacts in the primordial bispectrum and holographic non-Gaussianity	
<b>6 August (Sat)</b>			reception desk: 15:00–17:30
09:30 – 11:30	Nobuyuki Kanda	Status of LCGT and the Prospect of Gravitational Wave Observation	S. Mukohyama
19:00 – 20:30	Tomo Takahashi	Cosmology of moduli	M. Sasaki
<b>7 August (Sun)</b>			SI office: 13:00–13:30
09:00 – 10:30	Tetsutaro Higaki	Moduli stabilization and supersymmetry breaking for string phenomenology	H. Kodama
10:50 – 11:50	Kazunori Nakayama	Phenomenological Aspects of Polonyi/Moduli Problem	
14:30 – 15:30	Shinya Tomizawa	General Black Hole Solutions in 5d SUGRA	T. Shiromizu
16:00 – 17:30	Tsuyoshi Houri	Hidden Symmetry of Supergravity Black Holes	A. Ishibashi

## Services and Facilities at the Seminar House

- **Meals:** breakfast 7:30 – 9:00, lunch 12:00 – 13:00, dinner 18:00 – 19:30.
- **Common bath:** open 6:00 – 9:00 and 18:00 – 24:00. Shower is available outside these hours.
- **Curfew:** front desk is open 7:00 – 24:00. The entrance is closed at 0:00 midnight.
- **Laundry:** 4 washing machines: free, 4 dryers 100 yen /use.
- 5 bicycles for free use.
- Several small rooms for free discussions or study.
- Free wireless connection @ all guest rooms, lounge, discussion rooms.
- 3 PCs for common use.
- Printing @ front desk: monochrome 20 yen/sheet, colour 70 yen/sheet.

## Schedule (continued)

<b>8 August (Mon)</b>			SI office: 13:00–13:30
(time)	(speaker)	(title)	(chair)
09:00 – 10:30	Masahide Yamaguchi	Variation of fundamental constants	N. Ohta
10:55 – 11:50	Tatsuo Azeyanagi	Kerr/CFT correspondence and its extensions	
14:30 – 15:30	Teruhiko Kawano	F-theory and Grand Unification I	K. Hosomichi
16:00 – 17:30	Tohru Eguchi	Physics around Eguchi-Hanson's solution	S. Sugimoto
<b>9 August (Tue)</b>			reception desk: 14:30–16:30
08:50 – 09:00	—	(photo-shooting)	
09:00 – 11:00	Teruhiko Kawano	F-theory and Grand Unification II	K. Hosomichi
17:00 – 17:40	Sanefumi Moriyama	Summing Up All Genus Free Energy of ABJM Matrix Model	K. Okuyama
19:00 – 20:30	Yasuyuki Hatsuda	Entanglement Entropy and Holography	K. Hashimoto
<b>10 August (Wed)</b>			SI office: 13:30–14:00
09:00 – 10:30	Katsushi Ito	Gluon Scattering Amplitudes and Thermodynamic Bethe Ansatz (I)	Y. Kazama
10:50 – 12:20	Katsushi Ito	Gluon Scattering Amplitudes and Thermodynamic Bethe Ansatz (II)	
16:00 – 16:40	Taro Kimura	Instanton counting on ALE spaces and root of unity limit of q-Nekrasov function	S. Yamaguchi
16:50 – 17:30	Noriaki Ogawa	Holographic Entanglement Entropy for AdS Soliton Geometries in Higher Derivative Gravities	
<b>11 August (Thu)</b>			SI office: 13:30–14:00
09:00 – 10:00	Hiroaki Kanno	Instanton partition function with a general surface operator	T. Eguchi
10:30 – 12:00	Kentaro Hori	Introduction to linear sigma models (lecture I)	T. Kawano
16:00 – 17:30	Kentaro Hori	Introduction to linear sigma models (lecture II)	
<b>12 August (Fri)</b>			
09:00 – 10:00	Masahito Yamazaki	Three-Dimensional SUSY Gauge Theories and Hyperbolic Geometry	H. Kanno
10:10 – 10:50	Takahiro Nishinaka	Affine SU(N) algebra from wall-crossings	

## Check-In

- On 3,6 and 9 August, we open the reception desk where you get the key and make the payment.
- On the other days, upon your arrival please get the key at the front desk first. Then come to the SI office for the payment during the opening hours.

## Meal Coupons

- At the reception desk / SI office you can order or cancel the meals for the next day or later.

## Change of room

- On the day you move to another room, please return the key to the old room and get the new one at the front desk.

## Check-Out

- On the day of your departure, leave your room by 9:00am, return the key to the front desk and come to the lecture room with your luggage.

# Participants

name	institution	in	out	name	institution	in	out
Laila Alabidi	YITP	3	6	Shun'ya Mizoguchi	KEK	6	9
Tatsuo Azeyanagi	RIKEN	6	9	Shuntaro Mizuno	University of Portsmouth	3	5
Takehiro Azuma	Setsunan University	9	12	Sanefumi Moriyama	KMI, Nagoya University	3	12
Bernard Carr	Queen Mary U. of London	3	5	Shinji Mukohyama	IPMU	5	9
Takeshi Chiba	Nihon University	3	9	Kenta Murase	Kyoto University	9	12
Jason Doukas	YITP	3	8	Koichi Nagasaki	Osaka university	9	12
Tohru Eguchi	YITP	8	12	Kazunori Nakayama	The University of Tokyo	4	9
Antonio De Felice	Tokyo University of Science	3	6	Takahiro Nishinaka	KEK	9	12
Naofumi Hama	YITP	6	12	Tatsuma Nishioka	Princeton University	8	12
Masashi Hamanaka	Nagoya University	7	12	Toshifumi Noumi	University of Tokyo	3	12
Koji Hashimoto	RIKEN	9	10	Masato Nozawa	KEK	3	12
Yasuyuki Hatsuda	YITP	9	12	Noriaki Ogawa	IPMU	6	12
Tetsutaro Higaki	DESY	3	12	Kazutoshi Ohta	Meijigakuin University	9	12
Kazuo Hosomichi	YITP	3	12	Yuji Okawa	University of Tokyo	6	12
Kentaro Hori	IPMU	9	12	Tadashi Okazaki	Osaka University	9	12
Tsuyoshi Houri	Osaka City University	6	10	Kazumi Okuyama	Shinshu University	7	12
Shoichi Ichinose	University of Shizuoka	6	9	Nobuyoshi Ohta	Kinki University	6	10
Yosuke Imamura	Tokyo Institute of Technology	6	12	Kazuhiro Sakai	YITP, Kyoto University	6	12
Akihiro Ishibashi	Kinki University	6	9	Misao Sasaki	YITP, Kyoto University	6	9
Soichiro Isoyama	YITP	4	9	Yasuhiro Sekino	KEK	3	9
Katsushi Ito	Tokyo Institute of Technology	6	12	Tetsuya Shimomizu	Kyoto University	3	9
Keisuke Izumi	YITP	3	9	Jiro Soda	Kyoto University	3	5
Nobuyuki Kanda	Osaka City University	5	6	Yuji Sugawara	Ritumeikan University	6	12
Hiroaki Kanno	Nagoya University	9	12	Shigeki Sugimoto	IPMU	7	12
Akishi Kato	University of Tokyo	9	12	Ryotaku Suzuki	Kyoto University	3	6
Shinsuke Kawai	Sungkyunkwan University	5	12	Tomo Takahashi	Saga University	6	9
Teruhiko Kawano	The University of Tokyo	7	12	Tadashi Takayanagi	IPMU	7	11
Yoichi Kazama	University of Tokyo	9	12	Shingo Takeuchi	KITPC	5	9
Toru Kikuchi	Kyoto University	7	9	Kentaro Tanabe	YITP	3	9
Masashi Kimura	YITP	3	9	Makoto Tanabe	Waseda University	3	9
Taro Kimura	University of Tokyo	9	12	Takahiro Tanaka	YITP	3	9
Yusuke Kimura	RIMS	6	9	Shinya Tomizawa	KEK	6	12
Shunichiro Kinoshita	Kyoto University	3	9	Shinji Tsujikawa	Tokyo University of Science	3	6
Takeshi Kobayashi	RESCEU	3	9	Tomonori Ugajin	IPMU	6	12
Tsutomu Kobayashi	Kyoto University	3	9	Yuko Urakawa	University of Barcelona	3	9
Hideo Kodama	KEK	3	9	Jonathan White	YITP	3	9
Sachiko Kuroyanagi	ICRR	3	9	Masahide Yamaguchi	Tokyo Institute of Technology	3	9
Shogo Kuwakino	Nagoya university	6	12	Satoshi Yamaguchi	Osaka University	6	12
Matthew Lake	University of Tokyo	3	6	Daisuke Yamauchi	ICRR	3	6
Danny Marfatia	Kansas University	3	6	Masahito Yamazaki	Princeton University	9	12
Takahiko Matsubara	KMI, Nagoya University	3	3	Jun'ichi Yokoyama	RESCEU	3-4,6-7	
Yosuke Misonoh	Waseda University	4	9	Ying-li Zhang	YITP	3	12

# Room Assignment

Room	3	4	5	6	7	8	9	10	11	12	
301	R. Suzuki .....			Hama .....							
	Misonoh .....			Y. Kimura .....			Murase .....				
302	Marfatia .....			Ichinose .....			Yamazaki .....				
303	Alabidi .....			K. Ito .....							
304	De Felice .....			Yokoyama		—	Eguchi .....				
311	Kodama .....						Azuma .....				
312	TsujiKawa .....			Takahashi .....			Kazama .....				
313	Mukohyama .....			Tanaka .....			K. Ohta .....				
	Tanaka .....			Kawano .....							
315	Chiba .....						Kato .....				
				Ishibashi .....							
316	M. Yamaguchi .....						Kanno .....				
203	Lake .....			Sasaki .....			Hori .....				
204	Carr .....		Kanda ..	N. Ohta .....				Sakai .....			
	Carr .....										
211				Sakai .....							
	Moriyama .....										
212	Yamauchi .....			Sugawara .....							
				Mizoguchi .....							
213	Shiromizu .....						Numata .....				
214	Higaki .....										
				Nakayama .....							
215	Yokoyama		Nakayama .....		Okawa .....						
				Imamura .....							
216	Kuroyanagi .....						Imamura .....				
	Urakawa .....										
217	Mizuno .....		Takeuchi .....			T. Kimura .....					
				Kikuchi .....			Nishinaka .....				
218	Soda .....		S. Yamaguchi .....								
	Kawai .....			Houri .....			Kawai .....				
219	M. Kimura .....										
	Doukas .....			Nishioka .....			Hatsuda .....				
221	White .....			Takayanagi .....							
				Azeyanagi .....							
231	Zhang .....										
	Isoyama .....			White .....							
232	Noumi .....										
				Kuwakino .....							
233				Ogawa .....							
	M. Tanabe .....			Ugajin .....							
234				M. Tanabe .....							
	Nozawa .....						Tomizawa .....				
235				Tomizawa .....							
	Sekino .....						Hashimoto		Hosomichi .....		
236	Hosomichi .....										
				Hamanaka .....							
237	Izumi .....										
	Ta. Kobayashi .....						K. Tanabe .....		Okuyama .....		
238	K. Tanabe .....			Okuyama .....							
	Kinoshita .....			Sugimoto .....							
239				Kinoshita .....			Okazaki .....				
	Tsu. Kobayashi .....						Nagasaki .....				