Program (ver 2014/11/14): Galaxies and Cosmology in Light of Strong Lensing @ Kavli IPMU

	Monday 11/17	Tuesday 11/18	Wednesday 11/19	Thursday 11/20	Friday 11/21
topics:	cosmology	substructures / sources / AGNs	galaxy evolution / simulations / clusters	first galaxies	lens searches / surveys
	(chair: M. Oguri)	(chair: A. More)	(chair: S. Suyu)	(chair: E. Komatsu)	(chair: S. More)
9:30	Tommaso Treu (invited speaker)	Shude Mao (invited speaker)	Leon Koopmans (invited speaker)	Marusa Bradac (invited speaker)	Phil Marshall (invited speaker)
9:40	(Present and future of time delay cosmology)	(Substructure lensing)	(TBA)	(TBA)	(Finding and Using Large Samples of New Lenses)
9:50					
10:00	Frederic Courbin (invited speaker)	Simona Vegetti (invited speaker)	Matteo Barnabe (invited speaker)	Dan Coe (invited speaker)	Julie Wardlow
10:10	(COSMOGRAIL: present and future)	(Inference of the cold dark matter substructure mass function at z~0.2)	(The dark and luminous mass structure of lens galaxies)	(Hunting the First Galaxies with Gravitational Lensing)	(Strong lensing at sub-mm wavelengths: results from Herschel followup programs)
10:20					Anupreeta More
10:30	Break (30min)	Break (30min)	Break (30min)	Break (20min)	(First SpaceWarps project: New lenses from CFHTLS)
10:40					Break (30min)
10:50				Robert Barone-Nugent	
11:00	Chris Fassnacht (invited speaker)	Yashar Hezaveh (invited speaker)	Mathilde Jauzac (invited speaker)	(Gravitational Lensing of High-z LBGs in GOODS and the XDF)	
11:10	(Cosmology from time-delay lenses: Addressing external convergence in the real world)	(Mapping the Small-Scale Structure of Dark Matter Halos with Strong Gravitational Lensing)	(From Galaxy Cluster Lensing to the high-redshift Universe)	Ryota Kawamata	Elizabeth Buckley-Geer
11:20				(The sizes of z ~ 6-8 lensed galaxies from the Hubble Frontier Fields Data)	(The Dark Energy Survey Strong Lensing science program)
11:30	Chuck Keeton (invited speaker)	Kaiki Taro Inoue	Massimo Meneghetti (invited speaker)	Masafumi Ishigaki	Adriano Agnello
11:40	(Multiplane lensing: Theory and applications)	(Line-of-sight structures as the origin of flux-ratio anomalies in quadruple QSOs)	(Lens modeling accuracy from image simulations)	(Hubble Frontier Fields First Complete Cluster Data: Faint Galaxies at z ~ 5-10 for UV Luminosity Functions and Cosmic Reionization)	(Data Mining for Gravitationally Lenses Quasar Searches)
11:50		Ryuichi Takahashi		Discussion of the day	James Chan
12:00	Lunch (90min)	(Weak lensing by intergalactic ministructures in quadruple lens systems: simulation and detection)	Lunch (90min)	Marusa Bradac* / Dan Coe	(CHITAH: Strong-Gravitational-Lens Hunter in Imaging Surveys)
12:10		Lunch (90min)		Massimo Meneghetti	Lunch (80min)
12:20				Mathilde Jauzac	
12:30				Lunch (60min)	
12:40					
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1:30	Stefan Hilbert (invited speaker)		Kenneth Wong	Colloquium (1:30--3pm)	Masamune Oguri
1:40	(Gravitational Lensing and Simulations)	Anna Nierenberg	(Discovery of a Strong Lensing Galaxy Embedded in a Cluster at z = 1.62)	Edward Witten	(Gravitationally Lensed Supernovae)
1:50		(Testing CDM with narrow-line lensing)	Claudio Grillo		Gregor Seidel
2:00	Amir Aghamousa	Matus Rybak	(The total mass reconstruction and the inner subhalo population of the galaxy cluster MACS J0416.1-2403)		(Automatic arc detection in multiple bands)
2:10	(Reliable time delay estimation of strong lens systems)	(Strong lensing with interferometers: lens modeling and source reconstruction)	Mauricio Carrasco		James Nightingale
2:20	Chih-Fan Chen	Eva Wuyts	(Mass distribution in galaxy clusters: strong lensing and dynamical mass analysis)		(Adaptive Semi-linear Inversion: Sophisticated Lens Modeling of Large Strong-Lensing Data Sets)
2:30	(First Use of Adaptive Optics Imaging to Constrain Cosmology with Gravitational Time Delays)	(Probing the relevant scales of star formation within strongly lensed galaxies at z=2-3)	Daniel Lam		Discussion of the day
2:40	Break (20min)	Break (30min)	(Free-form lens modeling of galaxy clusters in the quest to construct luminosity functions for distant faint galaxies)		Phil Marshall*
2:50			Break (20min)		Tommaso Treu
3:00	S Rathna Kumar			Free afternoon	Frederic Courbin
3:10	(H_0 from lensed quasars using difference-smoothing and PixeLens)	Atsunori Yonehara	Hakon Dahle		Leon Koopmans
3:20	Sherry Suyu	(Gravitational Lens Mapping of the Narrow Line Region in Quasars)	(SDSS J2222+2745, the cluster-lensed sextuple quasar)		
3:30	(H0LiCOW: H0 Lenses in COSMOGRAIL Wellspring)	Cristian Eduard Rusu	Luis E. Campusano		
3:40	Inh Jee	(Subaru Telescope Adaptive Optics Observations Of Gravitationally Lensed Quasars)	(Strong Lensing in the Inner Halo of Galaxy Clusters)		
3:50	(Measuring the angular diameter distances using time delay lens galaxie)	Oleg Tsupko	Masayo Morioka		
4:00	Thomas Collett	(Gravitational lensing in presence of plasma: chromatic lensing indeed)	(The lens statistics with gravitationally lensed yet morphologically regular images)		
4:10	(Cosmology with multiple-source-plane lenses)	Discussion of the day	Matteo Maturi		
4:20	Discussion of the day	Shude Mao*	(Strong but not quite: gravitational flexion in galaxy clusters)		
4:30	Tommaso Treu*	Simona Vegetti	Discussion of the day		
4:40	Frederic Courbin	Yashar Hezaveh	Leon Koopmans*		
4:50	Chris Fassnacht	Chuck Keeton	Matteo Barnabe		
5:00	Chuck Keeton		Mathilde Jauzac		
5:10	Stefan Hilbert		Massimo Meneghetti		
5:20					
5:30					
			Banquet (18:00-, Cafeteria at Kashiwa Campus)		