

Panoramas of the Evolving Cosmos: 6th Subaru International Conference in Hiroshima (28 Nov – 2 Dec 2016)

Mon, 28th Nov

	start	end	duration	type	name	title
	9:00	9:30	30	Registration		
	9:30	9:40	10	Welcome	Kodama/Kawabata	SOC/LOC announcements
	9:40	10:15	35	Opening	Nobuo Arimoto	Subaru Strategy for 2020's
I. Cosmic Dawn						
Chair: Nagao	10:15	10:50	35	Review	Dan Stark	The Spectroscopic Properties of Galaxies in the Reionization Era
	10:50	11:20	30	Coffee break		
	11:20	11:45	25	Targeted	Benedetta Ciardi	Cosmic reionization: theoretical modeling and challenging observations
	11:45	12:05	20	Contributed	Yoshiaki Ono	Bright End of the UV Luminosity Functions at $z=4-7$ Derived with the 200 deg ² Data of the Subaru HSC Survey
	12:05	12:25	20	Contributed	Akira Konno	First Subaru/HSC results of Ly α Luminosity Functions at $z=5.7$ and 6.6
	12:25	12:35	1	Poster short talks (P1-P6)		
	12:35	14:00	85	Lunch break		
Chair: Ouchi	14:00	14:35	35	Review	Pascal Oesch	Our Current View of Galaxy Build-up at Cosmic Dawn
	14:35	15:00	25	Targeted	Ivo Labbe	Stellar population properties of faint galaxies at $7 < z < 11$ from the GREATS survey
	15:00	15:20	20	Contributed	Yuichi Harikane	Galaxy-Dark Matter Halo Connection at $z=0-7$ Revealed by the Subaru/Hyper Suprime-Cam and Hubble Surveys
	15:20	15:50	30	Coffee break		
	15:50	16:25	35	Review	Rebecca Bowler	Studying the evolution of bright galaxies at $z > 6$ with degree-scale near-IR surveys from VISTA and UKIRT
	16:25	16:45	20	Contributed	Takatoshi Shibuya	First demographics of very bright Ly α emitters at $z \sim 6-7$ uncovered by the large area Subaru HSC narrowband imaging and deep spectroscopy
	16:45	17:05	20	Contributed	Yoshiki Matsuoka	Subaru High- z Exploration of Low-Luminosity Quasars (SHELLQs)
	17:05	17:25	20	Contributed	Brent Groves	ALMA Observations of $z \sim 3$ star forming galaxies: No Change in Global Star Formation Process out to $z > 3$

Tue, 29th Nov

II. Cosmic Noon/Afternoon

Chair: Hopkins	9:20	9:55	35	Review	Elisabete da Cunha	Modelling the spectral energy distributions of galaxies at cosmic noon
	9:55	10:15	20	Contributed	Danilo Marchesini	The Evolution of the Progenitors of Today's Ultra-massive Galaxies Over the Last 12 Gyr
	10:15	10:35	20	Contributed	Ken-ichi Tadaki	Rapid formation of a central bulge in massive galaxies at $z \sim 2$: from MAHALO-Subaru to GRACIAS-ALMA
	10:35	11:05	30	Coffee break		
	11:05	11:30	25	Targeted	John D. Silverman	Physical properties of star-forming galaxies near cosmic noon
	11:30	11:50	20	Contributed	Tadayuki Kodama	Panoramic mapping of star formation activities across environments since $z \sim 3$
	11:50	12:10	20	Contributed	Masato Onodera	ISM excitation and metallicity of star-forming galaxies at $z \sim 3.3$ from near-IR spectroscopy
	12:10	12:30	1	Poster short talks (P7-P20)		
	12:30	14:00	90	Lunch break		
Chair: Kodama	14:00	14:25	25	Targeted	Richard Bower	The evolution of disk angular momentum of the past 10-Gyr
	14:25	14:45	20	Contributed	Seiji Fujimoto	Extremely Faint Millimeter Sources Identified by Multi-Field Deep ALMA Survey and Subaru Follow-up Spectroscopy
	14:45	15:05	20	Contributed	Tomotsugu Goto	Cosmic star formation history revealed by AKARI and Hyper Suprime Cam
	15:05	15:25	20	Contributed	Yoshiki Toba	Clustering properties of infrared bright dust-obscured galaxies selected with HSC and WISE
	15:25	15:55	30	Coffee break		
	15:55	16:30	35	Review	Peter Behroozi	The Connection between Galaxy Growth and Dark Matter Halo Assembly from $z=0 - 10$
	16:30	16:50	20	Contributed	Haruka Kusakabe	Dark matter halo and stellar properties of extremely low-mass galaxies at $z \sim 2$
	16:50	17:10	20	Contributed	Yusei Koyama	From Panoramic to Microscopic: Probing the Nature of Cluster Galaxy Population across Cosmic Time with Subaru
	17:10	17:30	20	Contributed	Jin Koda	The Subaru Survey of Ultra-Diffuse Galaxies in Galaxy Clusters

Wed, 30th Nov

II. Cosmic Noon/Afternoon (Continued)

Chair: Ferguson	9:20	9:55	35 Review	Pieter van Dokkum	The formation and evolution of massive galaxies
	9:55	10:20	25 Targeted	Natascha Forster-Schreiber	Witnessing the In-situ Growth and Transformations of Galaxies at Cosmic Noon

III. Galaxy Archaeology

	10:20	10:55	35 Review	Anna Frebel (remote)	Observing the signature of a single prolific r -process event in an ultra-faint dwarf galaxy
	10:55	11:20	25 Targeted	Wako Aoki	Spectroscopic approach to Galactic Archaeology with Subaru
	11:20	11:40	20 Contributed	Sakurako Okamoto	Galaxy Archaeology of M81 group
	11:40	12:00	20 Contributed	Rosemary Wyse	The Structure and Substructure of the Milky Way Discs
	12:00	12:10	1 Poster short talks (P21-P27)		
	12:10			Excursion to Miyajima or Free afternoon	

Thu, 1st Dec

III. Galaxy Archaeology (continued)

Chair: Wyse	9:20	9:55	35 Review	Raja Guhathakurta	The Stellar Halos of Galaxies
	9:55	10:20	25 Targeted	Melissa Ness	The first stellar age map of the Milky Way
	10:20	10:40	20 Contributed	Masashi Chiba	Subaru Hyper Suprime Cam Survey of the Andromeda Halo
	10:40	11:10	30 Coffee break		
	11:10	11:45	35 Review	Evan Kirby	The Diversity of Metallicity Distributions of Local Group Dwarf Galaxies
	11:45	12:10	25 Targeted	Beth Willman	Pre-cursor LSST Galactic Archeology with Subaru/HSC
	12:10	12:30	20 Contributed	Yutaka Komiyama	Subaru Hyper Suprime-Cam Survey for Local Group Dwarf Galaxies
	12:30	14:00	90 Lunch break		

IV. Cosmology

Chair: Strauss	14:00	14:35	35 Review	John Peacock	Fundamental cosmology and the galaxy distribution
	14:35	14:55	20 Contributed	Fabian Koehlinger	The KiDS-450 weak-lensing power spectrum, neutrinos, and baryons
	14:55	15:15	20 Contributed	Masahiro Takada	Constraining the abundance of primordial black holes with HSC M31 observation
	15:15	15:45	30 Coffee break		
	15:45	16:10	25 Targeted	Elisabeth Krause	The power of combining cosmological probes
	16:10	16:30	20 Contributed	Nobuhiro Okabe	NECSUS : Subaru/HSC Weak-lensing Analysis of Very Nearby Galaxy Clusters
	16:30	16:50	20 Contributed	Kenneth C. Wong	Discovery of a Double Source Plane Lens in the Hyper Suprime Cam Survey
	16:50	17:00	1 Poster short talks (P28-P35)		
	19:00			Conference dinner	

Fri, 2nd Dec

V. Wide Field Surveys

Chair: Silverman	9:20	9:55	35 Review	Satoshi Miyazaki	Status of HSC SSP Survey
	9:55	10:15	20 Contributed	Masao Hayashi	Probing star forming galaxies at $z < 1.5$ with wide-field HSC-SSP narrowband data
	10:15	10:40	25 Targeted	Luigi Guzzo	Large-scale structure and galaxy evolution at $z \sim 1$ with the VIPERS survey
	10:40	11:10	30 Coffee break		
	11:10	11:45	35 Review	Josh Frieman	The Dark Energy Survey
	11:45	12:10	25 Targeted	Konrad Kuijken	KiDS: The Kilo-Degree Survey
	12:10	12:25	1 Poster short talks (P36-P47)		
	12:25	13:50	85 Lunch break		

Chair: Takada	13:50	14:25	35	Review	Karl Glazebrook	The future (and past) of ground based galaxy evolution surveys in the JWST era?
	14:25	14:45	20	Contributed	Naoyuki Tamura	Prime Focus Spectrograph (PFS) for the Subaru Telescope: A very wide-field, massively multiplexed, optical and near-infrared spectrograph
	14:45	15:10	25	Targeted	Jenny Greene (remote)	Galaxy Evolution with the Prime Focus Spectrograph
	15:10	15:40	30	Coffee break		
	15:40	16:00	20	Contributed	Yosuke Minowa	ULTIMATE-Subaru: Next panoramic strategy of Subaru in near-infrared
	16:00	16:20	20	Contributed	Andrew Hopkins	The Taipan Galaxy Survey
	16:20	16:40	20	Contributed	Harry Ferguson	Challenges for Deep-Wide Galaxy Survey Astronomy
	16:40	17:15	35	Summary	Richard Ellis	Conference Summary
	17:15	17:20		Closing	Nobuo Arimoto	

(Talk length)

Review talk: 30min presentation and 5min Q&A
 Targeted talk: 20min presentation and 5min Q&A
 Contributed talk: 15min presentation and 5min Q&A

Poster papers

I. Cosmic Dawn

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P1	Kentaro Nagamine	High-z Galaxy Formation and Seed Black Hole Formation via Direct Collapse
P2	Koki Kakiichi	Probing reionization using Lyman alpha emitting galaxies and QSO spectra
P3	Taku Okamura	Angular momentum evolution of disk galaxies at high redshifts
P4	Ryota Kawamata	Size-luminosity relations at $z=6-9$ from HFF data and their implications for the fraction of undetected galaxies
P5	Masafusa Onoue	The IGM Study at the epoch of reionization with Low-luminosity Quasars at $z > 6$
P6	Ryo Higuchi	Bright-End Excesses of the Ly α Luminosity Functions at $z=5.7$ and 6.6 Identified by Subaru/HSC Survey: Implications for the Faint AGN Contribution to Cosmic Reionization

II. Cosmic Noon/Afternoon

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P7	Satoru Katsuda	Spatially-Resolved Spectroscopy of a Balmer-Dominated Shock in the Cygnus Loop: An Extremely Thin Cosmic-Ray Precursor?
P8	Koki Terao	Near-infrared spectroscopy of Seyfert galaxies for examining the ionization mechanism of narrow-line regions
P9	Kazuyuki Ogura	A search for over-density regions thorough damped Ly-alpha absorption systems
P10	Bodo L. Ziegler	Quantitative Evolution of Disk Galaxies
P11	Chao-Ling Hung	A kinematic view of galaxy evolution from cosmic noon to today
P12	Ken Mawatari	Imaging of $z=3.1$ HI absorbers in the SSA22 proto-cluster region
P13	Taira Oogi	Quasar clustering in a semi-analytic model based on ultra high-resolution N-body simulation
P14	Yusuke Nitta	Studying the redshift evolution of narrow-line regions in the active galactic nucleus
P15	Shiro Mukae	Cosmic Galaxy-IGM HI Relation at $z \sim 2-3$ Probed in the COSMOS/UltraVISTA 1.6 deg ² Field
P16	Kota Kawasaki	What determines the quasar outflow? -- Statistical analysis of rest-frame UV spectra of BOSS quasars
P17	Abdurrouf Abdurrouf	Spatially-resolved star-formation main sequence in the local massive spiral galaxies
P18	Kiyoto Yabe	The chemical properties of star-forming galaxies at $z \sim 1.4$ revealed with Subaru/FMOS
P19	Takashi Kojima	Evolution of N/O Abundance Ratios and Ionization Parameters at $z \sim 0-2$ Investigated by the Direct Temperature Method
P20	Masaru Kajisawa	Evolution of galaxies with episodic star formation at $0.2 < z < 1.0$ in COSMOS

III. Galaxy Archaeology

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P21	Akatoki Noboriguchi	Optical properties of Dust-Obscured Galaxies viewed with Hyper Suprime-Cam
P22	Andrea L. Silva	ALMA detected overdensity of sub-millimeter sources around WISE/NVSS-selected $z \sim 2$ dusty quasars
P23	Miho N. Ishigaki	Line-of-sight velocity and metallicity measurements of the Palomar 5 tidal stream
P24	Mikito Tanaka	Resolved stellar structures around NGC4631 from a Subaru/Hyper Suprime-Cam survey
P25	Tadafumi Matsuno	Searching for the cause of low lithium abundances
P26	Daisuke Homma	A New Milky Way Satellite Discovered In The Subaru/Hyper Suprime-Cam Survey
P27	Xudong Gao	Removing systematic uncertainties in chemical tagging using non-LTE analysis of open clusters

IV. Cosmology

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P28	Verma Manohar Murlu	Emergence of the wheel, (and not the arrow) of time from cosmic structures
P29	Ryoma Murata	MCMC calibration of the optical richness-halo mass scaling relation for massive SDSS clusters with N-body simulations
P30	Kazuhiro Yamamoto	Halo approach to power spectrum and bispectrum of galaxies in redshift space
P31	Hyunmi Song	Quasars as a tracer of large-scale structures in the distant universe
P32	Hiroko Niikura	Detection of universality of dark matter profile from Subaru weak lensing measurements of 50 massive clusters
P33	Cristian Saez	Strong Lensing In The Inner Halo Of Galaxy Clusters
P34	Atsushi J. Nishizawa	Systematic Study for Void Cosmology
P35	Xiao-Dong Li	Cosmological Constraints from the Redshift Dependence of the Alcock-Paczynski Effect

V. Wide Field Surveys

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P36	Mana Niida	The faint end of the quasar luminosity function at $z \sim 5$ explored with the Subaru Hyper Suprime-Cam data
P37	Ji-an Jiang	Deep Multi-Band Early-Phase Type Ia Supernova Survey with Subaru/Hyper Suprime-Cam
P38	Moegi Yamamoto	The hybrid and wide-field cluster survey with HSC-SSP data: Star-formation history in the clusters at $z \sim 1$
P39	Jun Toshikawa	First Systematic Study for Protoclusters at $z \sim 4$
P40	Vincenzo Mainieri	The importance of AGN feedback in galaxy evolution: challenges for current and future wide area surveys
P41	Kodai Nobuhara	HSC-FIRST radio galaxy survey: Selection and initial results
P42	Yuki Kimura	Variability-selected low luminosity AGN: Getting less massive Black Holes in high-redshift galaxies
P43	Kohei Shinoka	The origin of LyA emitter with large Equivalent width in SSA22 protocluster
P44	Hisakazu Uchiyama	Correlation between QSOs and protoclusters using HSC
P45	Kentaro Motohara	SWIMS, New PI-Type Simultaneous color Wide-Field Imager/MOS on Subaru
P46	Wanqiu He	Constraints on BH growth history from QSO clustering at $z \sim 4$ with HSC wide field imaging.
P47	Keita Miyaoka	X-ray mass measurement of massive galaxy clusters in the HSC SSP survey region