OCT 27 (Sunday)	
15:00-16:00	Reception & Registration
16:00-18:00	Open discussion

OCT 28 (Monday)		
8:30 - 9:20	Reception & Registration	
9:20 - 9:30	Welcome Remarks	
Large Scale Structure (LSS) I (Chair: Matthew Colless)		
9:30 - 9:50	The Patchwork Universe: The challenge of the largest structures in the Universe	Maret Einasto
9:50 -10:10	From the cosmic web to the ISM: the emergence of galactic morphology.	Christophe Pichon
10:10 -10:30	Galaxy growth histories in the cosmic web: forecasts for the Euclid deep fields	Clotilde Laigle
10:30 - 10:50	The Dark Quest Project for Large-Scale Structure Cosmology	Takahiro Nishimichi
10:50 -11:20	**Coffee Break + Posters**	
Cosmic Reionization (Chair: Matthew Colless)		
11:20 - 11:40	Inference of Reionization Parameters and Reconstruction of Cosmological Initial Density Field with Observations from the Epoch of Reionization.	Yi Mao
11:40 - 11:50	Small-scale CMB anisotropies for Cosmology and Reionization	Douspis Marian
11:50 - 12:00	The 21cm Signal from the Cosmic Dawn and Dark Age	Hyunbae Park
12:00 - 12:10	HI-stacking predictions for upcoming surveys with SKA precursors	Sauraj Bharti
12:10 - 13:50	**Lunch**	
Numerical Simulation/Gravitational Wave (Chair: Xiaohu Yang)		
13:50 - 14:10	Our Universe in Simulation	Leander Thiele

OCT 28 (Monday)		
14:10 - 14:30	Hyper-Millennium project: a hyper cosmological simulation for the next generation of large-scale structure survey	Qi Guo
14:30 - 14:40	DARWIN: DAzzling Realization of dWarf galaxies In the Next generation of cosmological hydrodynamic simulations	Jihye Shin
14:40 - 15:00	Transfer Learning for Gravitational Wave Event Characterization	Cristiano Sabiu
15:00 - 15:20	Charting the nanohertz gravitational wave sky with pulsar timing arrays	Kin-Wang Ng
15:20- 15:50	**Coffee Break + Posters**	
Cosmological Tensions/ Galaxy Clustering/Galaxy-Halo Connection (Chair: Masahiro Takada)		
15:50 - 16:10	Recent progress on the galaxy-halo connection	Yen-Ting Lin
16:10-16:30	The Hubble Tension in 2024?	Myung Gyoon Lee
16:30 - 16:40	Understanding the Origin of the Critical Mass in Galaxy Evolution Using the Horizon Run 5 Simulation	Preetish Mishra
16:40 - 17:00	Challenges of Flat-LCDM model after DESI 2024	Mohammad Malekjani
17:00-17:10	Diving Deeper into Dark Matter: Exploring Varying Viscosity and Decaying Scenarios as Solutions to Cosmological Tensions	Zahra Davari
17:10 - 17:30	Forward Modeling Galaxy Clustering	Fabian Schmidt
17:30 - 17:40	Cosmological Information from Clustering Statistics with Mulguisin	Sumi Kim
17:40 - 18:00	Impact of Halo Mass on Star Formation Histories and Main Sequence Scatter in Galaxies	Patricia Sanchez-Blazquez

OCT 29 (Tuesday)		
Dark Matter/Dark Energy (Chair: Changbom Park)		
9:30 - 9:50	Searching for Ultra-light Axion in Terrestrial Low-Frequency Electromagnetic Waves	Atsushi Taruya
9:50 -10:10	Reconstructing Dark Energy	Arman Shafieloo
10:10 - 10:30	Robust constraints on dark matter self-interaction cross-section with large halo colliders	James M. Jee
10:30 -10:40	Constraining the Self-interacting Nature of Dark Matter Using Radio Relic Clusters	Dongak Park
10:40 -11:00	The shapes of dark matter halos and its importance for galaxy evolution	Mousumi Das
11:00 -11:20	**Coffee Break + Posters**	
Galaxy Formation and Evolution I (Chair: Katarina Kraljic)		
11:20 - 11:40	Dynamical instability criterion for hierarchical triple systems	Yasushi Suto
11:40 - 12:00	Dynamical friction and gas inhomogeneities	Rain Kipper
12:00 - 12:20	Search for Diffuse Warm-Hot Circumgalactic Structures in the Nearby Universe with Aspera	Haeun Chung
12:20 - 14:00	**Group Photo & Lunch**	
LSS II and Peculiar Velocity (Chair: Donghui Jeong)		
14:00 - 14:20	Peculiar velocity surveys for cosmology: recent results and future plans	Matthew Colless
14:20 - 14:40	Large-scale geometry and topology of gas fields: Effects of AGN and stellar feedback	Katarina Kraljik
14:40 - 15:00	Cosmic Flows : probing the dynamics of large-scale structures	Helene Courtois
15:00 - 15:10	Local Universe with Cosmicflows-4	Alexandra Dupuy
15:10- 15:40	**Coffee Break + Posters**	
Galaxy Formation and Evolution II (Chair: Christophe Pichon)		
15:40 - 15:50	Mass Accretion Rate of Rotating Accretion Flow onto Black Holes	Myeong-Gu Park

OCT 29 (Tuesday)		
15:50 - 16:10	Morphology-driven evolution of barred galaxies in clusters and the case of barred jellyfish galaxies	Bernardo Cervantes Sodi
16:10-16:30	Dynamical Properties of Cluster Galaxies Traced with Dense Spectroscopy and Cosmological Simulations	Jubee Sohn
16:30 -16:50	Kinematic Scaling Relations: Decomposing Stellar and Gas Kinematics with 3D Spectroscopy	Sree Oh
16:50- 17:10	Formation and Evolution of Massive Early-Type Galaxies: Insights from Simulations	Ena Choi
17:10 - 17:20	Mutual Information between Current Halo Properties and the Initial Tidal Misalignment	Jun-Sung Moon
17:20 - 17:30	Understanding the Formation and Evolution of Dark Galaxies in a Simulated Universe	Gain Lee
17:30-17:40	The UV luminosity function of high-z galaxies using zZ-dependent IMF	Keita Fukushima

OCT 30 (Wednesday)	
9:30-11:30	Open discussion
14:00-18:00	Excursion
18:00-20:00	Conference Dinner
20:00~22:00	Excursion continue

OCT 31 (Thursday)		
LSS III (Chair: Atsushi Taruya)		
9:30 - 9:50	The integrated perturbation theory for cosmological tensor fields	Takahiko Matsubara
9:50 - 10:10	Cosmology from the topology of Large Scale Structure	Stephen Appleby
10:10 - 10:30	Testing statistical isotropy of the universe using morphological statistics	Pravabati Chingangbam
10:30 - 10:40	Probing primordial parity-violating trispectrum with intrinsic galaxy/halo shapes	Toshiki Kurita
10:40 - 10:50	Interplay of galaxy formation and the evolution of dark matter haloes in the cosmic web	Premvijay Velmani
10:50 - 11:00	Investigating Halo Properties in the Frame of Evolving Filaments	Hannah Jhee
11:00 -11:30	**Coffee Break+Posters**	
Galaxy Clusters (Chair: Yen-Ting Lin)		
11:30 - 11:40	Emergence of the Galaxy Morphology-Star Formation Activity-Clustercentric Radius Relations in Galaxy Clusters	Sungwook E. Hong
11:40 - 11:50	Identification of Galaxy Protoclusters Based on the Spherical Top-hat Collapse Theory	Jaehyun Lee
11:50 - 12:00	Galaxy Cluster Mergers and Cosmological Shockwaves in the TNG-Cluster Simulation	Wonki Lee
12:00 - 12:10	Unveiling the formation mechanism of intracluster light with HST data and Horizon Run 5	Hyungjin Joo
12:10 - 14:00	**Lunch**	
Observational Cosmology I (Chair: David Parkinson)		
14:00 - 14:20	A new method to constrain local PNG from galaxy surveys	Masahiro Takada
14:20 - 14:40	Cosmic Infrared Background Tomography: Revealing the Full Spectrum with Thermal Dust, CO, and CII over $0 < z < 4$	Yi-Kuan Chiang
14:40 - 15:00	CHEX-MATE: CLUster Multi-Probes in Three Dimensions (CLUMP-3D)	Junhan Kim
15:00 -15:10	Cosmology from Galaxy Clusters and Groups in the eROSITA Final Equatorial Depth Survey	I-Non Chiu
15:10 -15:20	Forecasts on primordial non-Gaussianity with SPHEREx	Chandra Shekhar
15:20 -15:30	Reconstruction and study of Hubble diagram of quasars	Ranbir Sharma

OCT 31 (Thursday)		
15:30- 16:00	**Coffee Break + Posters**	
Observational Cosmology II (Chair: Arman Shafieloo)		
16:00 - 16:20	Supernova cosmology with the complete Dark Energy Survey	Tamara Davis
16:20-16:40	Constructing the density field of the Universe based on DESI observation	Xiaohu Yang
16:40-17:00	Measurements of the matter power spectrum peak from eBOSS and DESI	David Parkinson
17:00 -17:10	Cosmological QUOKKAS: a new distance measure	Jeffrey Hodgson
17:10 - 17:20	Probing parity violation in the early universe using galaxy spins	Junsup Shim
17:20 - 17:30	Measuring the growth rate of structure from the Pantheon+ supernova sample	Anthony Carr
17:30 - 17:40	Can intensity interferometry help with Hubble?	Sam Gralla

November 1st (Friday)		
Gravitational Lensing I (Chair: James M. Jee)		
9:30 -9:50	Potential to constrain satellite intrinsic alignments from weak lensing peak statistics	Zuhui Fan
9:50 - 10:10	Advancing Cluster Lensing Mass Inversion: Joint Analysis of Weak Lensing and Escape Velocity Measurements around Galaxy Clusters	Keiichi Umetsu
10:10 -10:30	Recent results from the Fourier_Quad shear measurement method	Jun Zhang
10:30 - 10:40	Probing Galaxy Clusters by Combining Strong and Weak Lensing in the JWST Era: Mass Reconstruction of Abell 2744	Sangjun Cha
10:40 - 10:50	The impact of weak lensing mass bias on the kinematic description of merging galaxy clusters	Rogerio Monteiro-Oliveira
10:50 -11:20	**Coffee Break+Posters**	
Gravitational Lensing II (Chair: Zuhui Fan)		
11:20 - 11:40	Cosmological constraints from Subaru HSC Y3 weak lensing observations	Surhud More

November 1st (Friday)		
11:40 - 12:00	Weak lensing without shape noise	Elisabeth Krause
12:00 - 12:10	Cosmology with Weak-Lensing Shear-Selected Galaxy Clusters from the Hyper Suprime-Cam Subaru Strategic Program	Kai Feng Chen
12:10 - 14:00	**Lunch**	
Galaxy Surveys (Chair: Tamara Davis)		
14:00 - 14:20	The completion of the HETDEX survey	Donghui Jeong
14:20 - 14:40	7-Dimensional Sky Survey	Myungshin Im
14:40 - 15:00	A-SPEC: The All-sky SPECtroscopic survey of nearby galaxies with K-SPEC	Ho Seong Hwang
15:00 - 15:20	Testing the FLRW metric and curvature with Stage IV Experiments	Benjamin L'Huillier
15:20 - 15:30	Feasibility Study for Next-generation Spectroscopic Survey with Survey-dedicated Large Telescopes	Sungwook E. Hong
15:30- 15:50	**Coffee Break + Posters**	
Numerical Simulation II (Chair: Cristiano Sabiu)		
15:50 - 16:10	External Negative Feedback on Galaxy Formation from Giant Radio Lobes	Renyue Cen
16:10 - 16:30	Impact of baryonic processes on the growth of galaxies in numerical simulations	Taysun Kimm
16:30 - 16:50	Reproducibility In Astrophysical Simulations and the AGORA Initiative (and A 12-Year Human Experiment)	Ji-hoon Kim
16:50 - 17:00	How does the local environment affect AGN activity in a galaxy?	Ankit Singh
17:00 - 17:10	The Effect of Positive AGN Feedback on Galaxy Properties from a Semi-Analytic Point of View	Emanuele Contini
17:10 - 17:20	Field-level Emulation of Cosmic Structure Formation with Cosmology and Redshift Dependence	Andrew Jamieson
17:20 - 17:40	**Closing remarks**	