



Program

Cosmic Evolution of Quasars: from the First Light to Local Relics

(类星体的宇宙学演化：从第一缕曙光到近邻遗迹)

October 21–25, 2019

Kavli Institute for Astronomy and Astrophysics
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October 21 (Monday)

Time	Title
08:00-08:40	Registration desk opens
08:40-09:00	Opening remarks
Science session: Quasar surveys	
09:00-09:30	Gordon Richards (25 min + 5 min) Quasar Evolution from Empirical Probes
09:30-09:50	Jan-Torge Schindler (15 min + 5 min) The Extremely Luminous Quasar Surveys and the Quasar Luminosity Function at Cosmic Noon
09:50-10:10	Heyang Liu (15 min + 5 min) A Comprehensive and Uniform Sample of Broad-line AGNs in the local universe from the SDSS DR7
10:10-10:50	Meeting photo and coffee break
10:50-11:20	Christian Wolf (25 min + 5 min) Extreme-luminosity quasars and low-luminosity changing-look AGN in the Southern sky
11:20-11:40	Lulu Fan (15 min + 5 min) Mid-IR selected dust-obscured quasars at cosmic noon
11:40-12:00	John Silverman (15 min + 5 min) Revealing a population of dual supermassive black holes at close separation using Subaru's Hyper Suprime-Cam
12:00-12:30	Nathalie Palanque-Delabrouille (25 min + 5 min) Constraining neutrino mass and warm dark matter with Ly α forest
12:30-14:00	Lunch

Time	Title
Science session: Quasar/AGN physics (I)	
14:00-14:30	Fabio Vito (25 min + 5 min) High-redshift AGN in X-rays
14:30-14:50	Minfeng Gu (15 min + 5 min) The radio emission in changing-look AGNs: jet-disk relation
14:50-15:10	Huaqing Cheng (15 min + 5 min) Investigating the broad-band SED for local AGN
15:10-15:30	Jianfeng Wu (15 min + 5 min) X-ray Emission of High-redshift Jetted Active Galactic Nuclei
15:30-16:10	Coffee break
16:10-16:40	Bin Luo (25 min + 5 min) Exceptional X-ray Weak Quasars---Implications for Accretion Flows, BLRs, and Winds
16:40-17:00	Jianwei Lyu (15 min + 5 min) Insights into the type-1 AGN dust environment from reconciling their diverse IR SEDs from $z\sim 0$ to $z\sim 6$
17:00-17:20	Edwin Fernando Retana Montenegro (15 min + 5 min) Faint quasars at very low-frequencies
17:20-17:45	Poster presentations (1.5 min each poster)
End of the day	

October 22 (Tuesday)

Time	Title
Science session: Supermassive black holes	
08:30-09:00	Kohei Inayoshi (25 min + 5 min) Formation of supermassive black holes at high redshift
09:00-09:20	Frederick Davies (15 min + 5 min) Constraining the nature of supermassive black hole growth during the epoch of reionization
09:20-09:40	Sunmyon Chon (15 min + 5 min) Growth of massive seed BHs in the early universe
09:40-10:00	Wanqiu He (15 min + 5 min) Black hole mass and Eddington ratio distributions of low-luminosity quasars at $z \sim 4$ in the Subaru Hyper Suprime-Cam Wide field
10:00-10:20	Ilya Khrykin (15 min + 5 min) Short Quasar lifetimes at $z \sim 4$
10:20-11:00	Coffee break
11:00-11:30	Jian-Min Wang (25 min + 5 min) Reverberation mapping of super-Eddington accreting massive black holes in AGNs
11:30-11:50	Shu Wang (15 min + 5 min) The SDSS Reverberation Mapping Project: Low-Ionization Broad-Line Widths and Implications for Virial BH Masses
11:50-12:10	Hiromichi Tagawa (15 min + 5 min) Keep Growing to Super Massive Star via Runaway Collision
12:10-12:30	Daisuke Toyouchi (15 min + 5 min) Gaseous dynamical friction onto moving massive BHs under dusty environment
12:30-14:00	Lunch

Time	Title
Science session: High-redshift quasars (I)	
14:00-14:30	Myungshin Im (25 min + 5 min) High redshift quasars from Infrared Medium-deep Survey: Implications on cosmic re-ionization and black hole growth
14:30-14:50	Sarah Bosman (15 min + 5 min) Observational evidence for quasar evolution in the first billion years
14:50-15:10	Chiara Feruglio (15 min + 5 min) Proximate DLAs as probes of the growth of the first QSOs
15:10-15:30	Yoon Chan Taak (15 min + 5 min) High-z Universe probed via Lensing by QSOs (HULQ): How many QSO lenses are there?
15:30-16:10	Coffee break
16:10-16:40	Yoshiki Matsuoka (25 min + 5 min) Quest for High-z Quasars with Subaru Hyper Suprime-Cam
16:40-17:00	Daniel Mortlock (15 min + 5 min) The redshift 7 quasar population from UKIDSS and VIKING
17:00-17:20	Masafusa Onoue (15 min + 5 min) Probing the early SMBH evolution at the frontiers: deep NIR observations of $z=6-7$ quasars
17:45-20:15	Banquet (Global Village Building 2)
End of the day	

October 23 (Wednesday)

Time	Title
Science session: High-redshift quasars (II)	
08:30-09:00	Eduardo Banados (25 min + 5 min) The most distant quasars and their environments
09:00-09:30	Feige Wang (25 min + 5 min) Exploring Reionization-Era Quasars: The First Statistical Luminous Quasar Sample at $z \sim 7$
09:30-09:50	Jinyi Yang (15 min + 5 min) Exploring Reionization-Era Quasars: Multi-wavelength Follow-ups of the new $z \sim 7$ quasar sample
09:50-10:10	Yongjung Kim (15 min + 5 min) High Star Formation Rates of Low Eddington Ratio Quasars at $z > \sim 6$
10:10-10:50	Coffee break
10:50-11:20	Stephen Warren (25 min + 5 min) High redshift $7 < z < 9$ quasars with the Euclid wide survey
11:20-11:40	Sophie Reed (15 min + 5 min) New $z \sim 7$ Quasars from DES and the Future of Quasar Surveys with LSST
11:40-12:00	Daniel Whalen (15 min + 5 min) Finding the First Quasars with JWST, Euclid and WFIRST
12:00-12:30	Lunch
12:30-17:00	Excursion (Summer Palace)

October 24 (Thursday)

Time	Title
Science session: Quasars and their hosts	
08:30-09:00	Ran Wang (25 min + 5 min) Probing the ISM in the most distant quasar host galaxies
09:00-09:20	Takuma Izumi (15 min + 5 min) Less-biased shape of the early quasar-galaxy evolution
09:20-09:40	Madeline Marshall (15 min + 5 min) The high-redshift evolution of black holes and their host galaxies
09:40-10:00	Tiago Costa (15 min + 5 min) Simulating $z > 6$ quasars in their cosmological environments
10:00-10:40	Coffee break
10:40-11:00	Luis Ho (15 min + 5 min) Gas and Star Formation in Quasars
11:00-11:20	Sophia Dai (15 min + 5 min) Infrared quasars and their connections to the host galaxies up to $z \sim 3$
11:20-11:40	Mingyang Zhuang (15 min + 5 min) Recalibration of [O II] $\lambda 3727$ as a Star Formation Rate Estimator for Active and Inactive Galaxies
11:40-12:00	Dongyao Zhao (15 min + 5 min) Color, Star formation and BH Accretion of the Host Galaxies of Type 2 Quasars since $z \sim 0.8$
12:00-12:20	Fabio Fontanot (15 min + 5 min) The impact of QSOs and AGN-driven outflows in shaping galaxy evolution
12:20-14:00	Lunch

Time	Title
Science session: Quasar/AGN feedback and AGN physics (II)	
14:00-14:30	Nadia Zakamska (25 min + 5 min) Observations of quasar feedback
14:30-14:50	Junjie Feng (15 min + 5 min) A global solution to a slim accretion disk with radiation driven outflows
14:50-15:10	Amy Rankine (15 min + 5 min) Combining absorption and emission features in an investigation of quasar outflows
15:10-15:30	Francesco Tombesi (15 min + 5 min) Tracing quasar feedback, from the event horizon up to galaxy cluster scales
15:30-16:10	Coffee break
16:10-16:30	Feng Yuan (15 min + 5 min) AGN feedback in an elliptical galaxy
16:30-16:50	Matthew Temple (15 min + 5 min) Exploring the link between quasar outflows and hot dust emission
16:50-17:10	Qingwen Wu (15 min + 5 min) The evolution of the accretion-jet activities and unification of AGNs
17:10-17:30	Jin Zhang (15 min + 5 min) Radiation Properties of the Jets in AGNs: from the Core to Extended Regions
End of the day	

October 25 (Friday)

Time	Title
Science session: Quasars and IGM	
08:30-09:00	Joseph Hennawi (25 min + 5 min) Probing the High-Redshift Intergalactic Medium with the Most Distant Quasars
09:00-09:20	Gabor Worseck (15 min + 5 min) Constraints on the AGN Contribution to Hydrogen and Helium Reionization from a Reanalysis of the AGN UV Luminosity Function
09:20-09:40	Konstantina Boutsia (15 min + 5 min) AGN contribution to reionization
09:40-10:00	Xue-Bing Wu (15 min + 5 min) The LAMOST Quasar Survey
10:00-10:40	Coffee break
10:40-11:00	Hum Chand (15 min + 5 min) Probing the environment of high-z quasars using the proximity effect in projected quasar pairs
11:00-11:20	Siwei Zou (15 min + 5 min) Strong Mg II and Fe II absorbers at $2 < z < 6$
11:20-11:50	Discussion
11:50-13:00	Lunch
End of the meeting	
13:00-17:00	Free discussion for those who need (two rooms will be available)

Posters

Name	Title
Yanli Ai	Multi-wavelength study of one changing-look AGN
Roberto J. Assef	Hot Dust Obscured Galaxies
Yucheng Guo	Extended UV line emission around luminous quasars at $z \sim 3$
Sungyong Hwang	The Reverberation Mapping Project with Small Telescope and Medium-band Filters
Rikako Ishimoto	Near-zone size analysis for SHELLQs quasar spectra
Joonho Kim	Day-scale optical variability of AGN in the COSMOS field with the KMTNet
Jiawen Li	Growth of massive black holes at high- z via accretion with magnetic outflows
Jianwei Lyu	Mid-IR variability and dust reverberation mapping of low- z quasars
Yongming Liang	Correlation between IGM and galaxy at $z \sim 2.2$ based on SDSS/(e)BOSS quasar spectra and Subaru/HSC MAMMOTH overdensities
Zhiyuan Pei	Radio core dominance of Fermi-LAT selected quasars
Yanli Qiu	An eclipsing Wolf-Rayet ULX accreting at super-Eddington rate
Keven Ren	The Impact of Scatter on the Properties and Environments of the Brightest Quasars
Hassen Yesuf	Gas in normal AGNs and post-starburst AGNs
Lulu Zhang	Spatial distribution of PAH and potential influence of central black hole within M51
Peixin Zhu	A revised correlation between black hole mass and bulge mass