

Schedule

Day 1 (Sep. 22)

08:30-09:00 Registration

09:00-09:10 Welcome

Session 1. Inner kpc – disk & BLR (Chair: Tohru Nagao)

09:10-09:30 Challenges in Black Hole Mass Measurements - Luis Ho (KIAA/PKU)

09:30-09:50 Line-Driven Disk Wind Model for Ultra-Fast Outflows in AGN; Energetics and Scaling with Luminosity - Mariko Nomura (Keio University)

09:50-10:10 The condensation of the corona for the Gamma-R correlation in active galactic nuclei - Erlin Qiao (NAOC)

10:10-10:30 Spectroscopic Indication of a Centi-parsec Supermassive Black Hole Binary in the Galactic Center of NGC 5548 - Yan-Rong Li (Institute of High Energy Physics, CAS, China)

10:30-10:50 Supermassive Binary Black Hole in the Nearest Quasar Mrk 231 - Changshuo Yan (NAOC)

Session 2. Outflows, star formation, and feedback (Chair: Changshuo Yan)

11:10-11:30 AGN flickering: Ionization and thermal echoes in low-z quasars and kpc-scale outflows - Mischa Schirmer (Gemini Observatory, Chile)

11:30-11:50 AGN feedback in action? - outflows and star formation in type 2 AGNs - Jong-Hak Woo (SNU)

11:50-12:10 The Prevalence of Ionized Gas Outflows in Type 2 AGNs: 3-D models and IFU observations - Hyun-Jin Bae (Yonsei/SNU)

Poster Session I

12:10-12:30

12:30-14:00 lunch

Session 2. Outflows, star formation, and feedback II (Chair: Changshuo Yan)

14:00-14:20 BAT AGN Spectroscopic Survey-III. An observed link between AGN Eddington ratio and narrow emission line ratios - Kyuseok Oh (ETH Zurich)

14:20-14:40 Near-infrared spectroscopy of Seyfert galaxies for examining the ionization mechanism of narrow-line regions - Koki Terao (Ehime University)

14:40-15:00 A relation between star-formation and accretion luminosities of infrared-luminous galaxies - Kenta Matsuoka (Kyoto University)

Poster Session II

15:00-15:20

Session 3. Host galaxies and co-evolution (Chair: Yoshiki Toba)

16:00-16:20 BH-Galaxy Co-Evolution at $z=3$: Latest Results from SUBARU & ALMA - Malte Schramm (NAOJ)

16:20-16:40 SDSSJ085431.18+173730.5: The First Compact Elliptical Galaxy Hosting an Active Nucleus - Sanjaya Paudel (KASI)

16:40-17:00 Discovery of dead AGN in Arp 187 - Kohei Ichikawa (NAOJ)

17:00-17:20 Cold dust emission of quasar host galaxies - Jinyi Shangguan (Kavli Institute for Astronomy and Astrophysics at Peking University)

Poster Session III

17:20-17:40

Day 2. (Sep. 23)

Session 4. Surveys (Chair: Yoshihiro Ueda)

09:00-09:20 A Survey of Luminous High-redshift Quasars with SDSS and WIS - Xuebing Wu (Peking Universe)

09:20-09:40 AGN sciences with SPHEREx - Minjin Kim (KASI)

09:40-10:00 The faint end of the quasar luminosity function at $z\sim 5$ explored with the Subaru Hyper Suprime-Cam data - Mana Niida (Ehime U.)

10:00-10:20 AGNs in the 7 Ms Chandra Deep Field-South Survey - Bin Luo (Nanjing University)

10:20-10:40 Rest-frame Optical Spectra of Quasars at $z > 4$: Detection of H-alpha Emission Line and Implications on Distant Quasar Properties - Myungshin Im (Seoul National University)

Session 5. Obscured, red, and unusual AGNs (Chair: Minfeng Gu)

11:00-11:20 Probing the Inner-most Parsec of AGN with Water Masers - Ingyin Zaw (NYUAD)

11:20-11:40 Suzaku Observations of Moderately Obscured (Compton-thin) Active Galactic Nuclei Selected by Swift/BAT Hard X-ray Survey - Taiki Kawamuro (Kyoto University)

11:40-12:00 Unveiling intrinsic properties of red quasars - Dohyeong Kim (Seoul National University)

12:00-12:20 Unusual quasars in mass, obscuration, and variability - Hyunsung Jun (JPL/Caltech)

12:20-12:40 Search for Hyperluminous Infrared Dust-obscured Galaxies Selected with WISE and SDSS - Yoshiki Toba (ASIAA)

Session 6. Variability & Blazars (Chair: Minjin Kim)

14:10-14:30 Using leaked power to measure intrinsic AGN power spectra of red-noise time series - Yongquan Xue (University of Science and Technology of China)

14:30-14:50 The optical variability of SDSS quasars from multi-epoch spectroscopy - Minfeng Gu (SHAO)

14:50-15:10 The relationship between variable and polarized optical spectral components of luminous type 1 non-blazar quasars - Mitsuru Kokubo (The University of Tokyo)

15:10-15:30 Simulating the timescale dependent color variation in quasars with a revised inhomogeneous disk model - Zhen-Yi Cai (USTC/China)

Session 7. Jets and interactions (Chair: Sascha Trippe)

15:50-16:10 Recent Results of KaVA AGN Science WG - Bong Won Sohn (KASI)

16:10-16:30 Probing the velocity field in the inner region of M87 jets with a KaVA large program: early science results - Jongho Park (Seoul National University)

16:50-17:10 PAGaN II: The Evolution of AGN jets on Sub-Parsec Scales - Junghwan Oh (Seoul National University)

17:10-17:30 A look through the Faraday fog of the M87 jet on kiloparsec scales - Juan Carlos Algaba Marcos (KASI)

Conference Dinner at Faculty Club (on campus)

18:15-19:15 Standing reception – court yard at Faculty Club (unlimited drinks)

19:20- Dinner

Day 3 (Sep. 24)

Informal discussion – EA collaboration: facilities and interaction

09:00-09:15 Initial remark and Korean facilities - Jong-Hak Woo (SNU)

09:15-09:30 EA collaboration with KaVA - Sascha Trippe (SNU)

09:30-09:45 Chinese facilities and opportunities - Xue-Bing Wu (Peking University)

09:45-10:00 Japanese facilities, Subaru's future, and EAO - Tohru Nagao (Ehime University)

10:00 - 11:00: discussion