

Growth of massive black holes revealed through the HSC survey

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“Evolution of supermassive black holes” (SMBHs)

in the HSC and the PFS white papers.

- M. Imanishi (NAOJ),
- N. Kashikawa (NAOJ),
- M. Akiyama (Tohoku U),
- Y. Ishizaki (GUAS, Japan),
- J. Silverman (IPMU),
- N. Asami (Tokyo U), and
- M. Enoki (Tokyo Keizai U),
- H. Ikeda (Kyoto/Ehime U),
- Y. Ueda (Kyoto U),
- T. Morokuma (Tokyo U),
- Y. Matsuoka (Naogya U),
- T. Kawaguchi (Yamaguchi U).

In this poster,

(1) **Growing SMBHs**: the distribution of mass accretion rates onto SMBHs,

(2) **Follow-up spectroscopy** (before PFS) to constrain

the faint-end of the luminosity functions of the HSC quasars.