

# Schedule of 2nd PFS AGN Town Meeting

[https://mitsurukokubo.github.io/PFSAGN\\_townmtg2025/](https://mitsurukokubo.github.io/PFSAGN_townmtg2025/)

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- Date: 2025 March 3 - March 4

- Venue: NAOJ Mitaka, Subaru Building 1st Floor, Large seminar room

[Important] The Main Gate of NAOJ Mitaka Campus will be closed due to construction work in the campus. During this time, we ask all guests to use the Rear Gate.

[https://mitsurukokubo.github.io/PFSAGN\\_townmtg2025/directions/](https://mitsurukokubo.github.io/PFSAGN_townmtg2025/directions/)

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- Program (the time is in JST)

Invited talk: 30 min (25 min talk + 5 min Q&A)

contributed talk: 20 min (15 min talk + 5 min Q&A)

## March 3 (Mon)

Morning Session 1: Session chair: Mitsuru Kokubo

- 10:00-10:10: Mitsuru Kokubo (NAOJ): Meeting Purpose and LOC Announcements
- 10:10-10:40: Jingjing Shi (IPMU): PFS SSP Cosmology Survey
- 10:40-11:10: Khee-Gan Lee (IPMU): PFS SSP Galaxy Evolution Survey

Break (11:10 - 11:20)

Morning Session 2: Session chair: Daichi Kashino

- 11:20-11:50: Yoshiki Toba (NAOJ): The current status of PFS-SSP AGN sciences
- 11:50-12:00: Q&A to Shi's, Lee's, and Toba's talks

Lunch (12:00 - 14:00)

Afternoon Session 1: Session chair: Kohei Ichikawa

- 14:00-14:20: Mariko Kubo (Tohoku Univ.): PEGASUS: Pfs Emission-line GALaxy SURvey with Subaru
- 14:20-14:40: Xiaoyang Chen (NAOJ): S3Fit: a Simultaneous Spectrum and photometric-SED Fitting code for observation of galaxies
- 14:40-15:00: Jialai Wang (USTC): Selecting MIGHTEE Radio Sources within the XMM-LSS Field

Break (15:00 - 15:20)

Afternoon Session 2: Session chair: Masafusa Onoue

- 15:20-15:40: Atsushi Hoshi (Tohoku Univ.): Exploring low-mass SMBHs at intermediate redshift
- 15:40-16:00: Takamitsu Miyaji (UNAM): Large Scale Structure Traced by AGN-Galaxy Cross-Correlation
- 16:00-16:30: Masahiro Nagashima (Bunkyo University): The Uchuu-nu2GC semi-analytic model of galaxy and AGN formation: prospects in the PFS era

Break (16:30 - 16:40)

Discussion and Q&A Session (16:40-17:00): Session chair: Kohei Ichikawa

Discussion slide [HERE](#) (feel free to leave your comments)

## March 4 (Mon)

### Morning Session 1: Session chair: Yoshiki Matsuoka

- 10:00-10:20: Masafusa Onoue (IPMU): Characterizing large-scale environments of high-redshift quasars with PFS
- 10:20-10:40: Junya Arita (U. Tokyo): The First Observational Constraint on Halo Mass function of Quasars

Break (10:40 - 10:50)

### Morning Session 2: Session chair: Tohru Nagao

- 10:50-11:20: Ayumi Takahashi (NAOJ): Progress report on the PFS DRP
- 11:20-11:50: Yongming Liang(NAOJ): PFS Pipeline Tutorial
- 11:50-12:00: Closing of the science session; a brief discussion before lunch

Lunch (12:00 - 14:00)

### PFS engineering data hands-on session

- 14:00-15:30: Ayumi Takahashi (NAOJ), Yongming Liang (NAOJ), Mitsuru Kokubo (NAOJ)
- 15:30- Closing remark