

SUNAO SUGIYAMA

List of talks, Compiled on May 30, 2024

2024

- 33. Cosmology from Subaru HSC weak lensing Year 3 data, [MIFA colloquium](#), 2024, May., *Oral (Invited Talk)*
- 32. Cosmology from weak lensing three-point correlation function, astro/cosmo seminar at CMU, 2024, Feb., *Oral*
- 31. Cosmology from Subaru HSC weak lensing Year 3 data, [Subaru Users Meeting FY2023](#), 2024, Jan., *Oral*

2023

- 30. HSC Y3 weak lensing cosmology results, [CosmoPalooza](#), 2023, Oct., *Oral*
- 29. Hyper Suprime-Cam Year 3 Results: Cosmology from Weak Lensing with HSC, [Windows on the Universe](#), 2023, Aug., *Oral (Invited Talk)*
- 28. HSC Year 3 Weak Lensing Cosmology Results, [HSC webinar](#), 2023, Apr., *Oral*
- 27. HSC Y3 cosmology results, [CMB x LSS](#), 2023, Apr., *Oral (Invited Talk)*
- 26. Collaborative coding: git and github, [CD3 Opening Symposium](#), 2023, Apr., *Oral*
- 25. Cosmology analysis with Subaru HSC Y3 data and SDSS data: cosmological parameter inference in Λ CDM model, [2023 Spring Annual Meeting of ASJ](#), 2023, Mar., *Oral*
- 24. Cosmology with Subaru HSC weak lensing data, [2023 GOPIRA Ph.D. thesis](#), 2023, Mar., *Oral*

2022

- 23. Cosmology analysis with Subaru HSC Y3 data and SDSS data: a joint analysis of cosmic shear + galaxy-galaxy lensing + galaxy clustering, [2022 Autumn Annual Meeting of ASJ](#), 2022, Sep., *Oral*
- 22. Revealing the nature of dark matter with gravitational lensing: weak and microlensing, [Colloquium at Osaka theoretical astrophysics group](#), 2022, Jul., *Oral (Invited Talk)*
- 21. HSC cosmology: Joint analysis of galaxy-galaxy lensing and clustering from Subaru HSC and SDSS data, [77th Annual Meeting of JPS](#), 2022, Mar., *Oral*
- 20. Exploring Primordial black hole with microlensing observation of Andromeda galaxy, [Subaru Users Meeting 2021](#), 2022, Jan., *Oral*

2021

- 19. Joint analysis of galaxy-galaxy lensing and clustering at large scales from Subaru HSC and SDSS data, [34th astro-theory Symposium](#), 2021, Dec., *Oral*
- 18. Joint analysis of galaxy-galaxy lensing and clustering at large scales from Subaru HSC and SDSS data, [10th workshop on observational cosmology](#), 2021, Nov., *Oral*
- 17. Joint analysis of galaxy-galaxy lensing and clustering at large scales from Subaru HSC and SDSS data, [2021 Autumn Annual Meeting of ASJ](#), 2021, Sep., *Oral*
- 16. Exploring Dark Matter Candidates with Microlensing, [KEK theory seminar](#), 2021, Apr., *Oral*

2020

15. **Constraining PBH with HSC microlensing**, IPMU phenomenology lunch journal club, 2020, Dec., *Oral*
14. **Testing stochastic gravitational wave signals by PBH microlensing**, [4th KEK-PH + KEK-Cosmo Joint Lectures and Workshop on “Gravitational Wave”](#), 2020, Nov., *Oral* (Invited Talk)
13. **Observational constraint on PBH scenarios with HSC microlensing**, [9th workshop on observational cosmology](#), 2020, Nov., *Oral*
12. **Developing a method of cosmological parameter inference from galaxy survey data by Subaru/HSC**, [Summer school for young researchers in astronomy/astrophysics](#), 2020, Aug., *Oral*
11. **Validating a minimal galaxy bias method for cosmological parameter inference using HSC-SDSS mock catalog**, Seminar at Daniel Eisenstein group@CfA, 2020, Aug., *Oral*
10. **Validation of PT-based method and cosmological parameter constraint with HSC-Y1 data**, [2020 Spring Annual Meeting of ASJ](#), 2020, Mar.
9. **Constraints on Primordial Black Holes with Microlensing**, Informal seminar at Takahashi and Asada Labs, 2020, Feb., *Oral*
8. **Validation of PT-based method for cosmology analysis with wide field galaxy survey data**, Seminar at astro group of Hirosaki University, 2020, Feb., *Oral*
7. **Constraints on Primordial Black Holes with Microlensing: Wave & Finite Source Effects / PBH from Multiverse**, [Berkeley Week at Kavli IPMU](#), 2020, Jan., *Oral*

2019

6. **Validation of PT-based method for cosmology analysis of wide field galaxy survey data**, [2019 Autumn Annual Meeting of ASJ](#), 2019, Sep., *Oral*
5. **Test and validation of PT-based cosmology : g-g lensing and clustering**, [PT chat](#), 2019, Apr., *Poster*
4. **On the wave effect of PBH microlensing in the observation of the M31 stars**, [2019 Spring Annual Meeting of ASJ](#), 2019, Mar., *Oral*
3. **Wave Effect on PBH Microlensing**, [Accelerating universe in the dark](#), 2019, Mar., *Poster*

2018

2. **Wave effect on PBH micro-lensing and constraint**, [7th workshop on observational cosmology](#), 2018, Dec., *Oral*
1. **Review of new BAO reconstruction method**, [Summer school for young researchers in astronomy/astrophysics](#), 2018, Aug., *Oral*