

# Curriculum Vitae



**Name** : Bovornpratch Vijarnwannaluk  
**Current Position** : PhD. Student  
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## Education

**MSc.** 2020 Astronomical Institute, Tohoku University  
**BSc.** 2017 Department of Physics Chulalongkorn University, Thailand (Graduated Second Honors)

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## Research Interest

- Cosmological Evolution of Active Galactic Nuclei : The evolution and physics of AGN obscuration and accretion
  - Cosmological Supermassive blackhole growth
  - SMBH-Host Galaxy Connection : The role of AGN-Host galaxy feedback in galaxy evolution.
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## Award Grants

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| 1). Recipient of the 118 <sup>th</sup> Hayakawa Yukio funding to attend oversea conferences.   | 3.6k\$          |
| 2.) Recipient for funding from the Foundation for Promotion of Astronomy to attend oversea conferences (Declined due to conflict with Hayakawa Yukio[1]. | 3.5k\$          |
| 3.) MEXT University Recommended Scholarship 2018-present   | 70k\$ (4 Years) |
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## First Author Publications

- **Vijarnwannaluk, B.**, Akiyama, M., et al. "The Obscured Fraction of Luminous Quasars at Cosmic Noon" (Accepted for publication in ApJ)
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## Second Author Publications

- Pflugradt, J., Ichikawa, K., Akiyama, M., **Vijarnwannaluk, B.**, et al. (2022) "Finding of a population of active galactic nuclei showing a significant luminosity decline in the past  $\sim 10^{3-4}$  yrs," arXiv, arXiv:2208.12286 - 2022arXiv220812286P
  - Aihara, H., AlSayyad, Y., Ando, M., **Vijarnwannaluk, B.**, et al. (2022) "Third data release of the Hyper Suprime-Cam Subaru Strategic Program," PASJ, 74, 247-272 - 2022PASJ...74..247A
  - Mandal, A. K., Schramm, M., Rakshit, S., **Vijarnwannaluk, B.** et al. (2021) "Changing look AGN Mrk 590: broad-line region and black hole mass from photometric reverberation mapping," MNRAS, 508, 5296-5309 - 2021MNRAS.508.5296M
  - Ichikawa, K., Yamashita, T., Toba, Y., **Vijarnwannaluk, B.**, et al. (2021) "A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). IV. Rapidly Growing (Super)Massive Black Holes in Extremely Radio-loud Galaxies," ApJ, 921, 51 - 2021ApJ...921...51I
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## Oral Presentation

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| <b>Feb 7<sup>th</sup>-10<sup>th</sup> 2022</b>  | Galaxy Evolution Workshop 2021 : "The Obscured Fraction of X-ray Luminous Quasars at Redshift 2-5"   |
| <b>Oct 11<sup>th</sup>-13<sup>th</sup> 2021</b> | East-Asia AGN Workshop 2021 : "A Search for high-z obscured AGNs in Deep & Wide Multi-wavelength imaging datasets"                             |
| <b>Sep 13<sup>th</sup>-15<sup>th</sup> 2021</b> | Autumn Annual Meeting of Astronomical Society of Japan : "Searching for high-z obscured AGNs in Deep & Wide Multi-wavelength imaging datasets" |
| <b>Jun 8<sup>th</sup>-10<sup>th</sup> 2016</b>  | Siam Physics Congress 2016 : "Photometric Reverberation Mapping of Quasar HE0345+0056"   |
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## Poster Presentation

Sep 26-30 2022	What drives the growth of black holes: a decade of reflection : “ <b>The Obscured Fraction of Luminous X-ray AGN at the Peak of the Cosmic Accretion Growth</b> ”
Jul 16 <sup>th</sup> -24 <sup>rf</sup> 2022	COSPAR 2022 44th Scientific Assembly : “ <b>The Obscured Fraction of Luminous X-ray AGN at the Peak of the Cosmic Accretion Growth</b> ”
Feb 2 <sup>nd</sup> -5 <sup>th</sup> 2021	Galaxy Evolution Workshop 2020 : “ <b>Searching for obscured AGNs in deep and wide multi-wavelength imaging datasets</b> ”

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## Internship & Summer schools

May 29 <sup>th</sup> -Jun 9 <sup>th</sup> 2017	The NARIT-STFC summer school in radio astronomy and technology at the National Astronomical Research Institute of Thailand (NARIT)
Mar 13 <sup>th</sup> -17 <sup>th</sup> 2017	The 2 <sup>nd</sup> NARIT International Astronomical Training Workshop (NIATW) at the National Astronomical Research Institute of Thailand (NARIT)
Nov 21 <sup>st</sup> -25 <sup>th</sup> 2016	Computational Astrophysics and Cosmology Workshop at the National Astronomical Research Institute of Thailand (NARIT)
Jun 21 <sup>st</sup> -24 <sup>th</sup> 2016	Radio Astronomy Workshop at the National Astronomical Research Institute of Thailand (NARIT)
Jan 21 <sup>st</sup> -30 <sup>th</sup> 2016	“Japan-Asia Youth Exchange Program in Science” (SAKURA Exchange Program in Science) at Tokyo Metropolitan University.
May 18 <sup>th</sup> -Jun 1 <sup>st</sup> 2014	Visiting student at Kavli Institute of Physics and Mathematics of the Universe, Kashiwa.

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## Work Experience

2017-2018	Research Assistant at the National Astronomical Research Institute of Thailand (NARIT) <b>Job Description:</b> In charge of prototyping a scientific data archives for NARIT in collaboration with Liverpool John Moore University (LJMU).
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