

Isabella Lamperti

PERSONAL DETAILS

E-Mail: isbellalamperti@gmail.com
Website <https://isalamperti.github.io>
Languages: Italian (mother tongue), English (fluent), Spanish (conversational),
German (basic), French (basic)
Citizenship: Swiss, Italian

EDUCATION & RESEARCH EXPERIENCE

Postdoctoral researcher, Università di Firenze, Florence, Italy May 2024 - present
Advisor: Prof. Alessandro Marconi

Postdoctoral researcher, Centro de Astrobiología (CAB), INTA-CSIC, Spain Dec. 2022 - April 2024
Project: *Studying the spatially resolved properties of galaxies at cosmic noon using JWST/NIRSpec IFS, and developing new science cases and simulations for ELT/HARMONI*
Advisor: Prof. Santiago Arribas

Postdoctoral researcher, Centro de Astrobiología (CAB), INTA-CSIC, Spain Dec.2020 - Aug.2022
Project: *Investigating molecular gas outflows in ultra-luminous infrared galaxies (ULIRGs) using high spatial resolution ALMA observations*
Advisor: Dr. Miguel Pereira-Santaella

Ph.D. in Astrophysics, University College London (UCL), UK Nov.2016 - Dec.2020
Thesis Title: *Probing galaxy evolution through interstellar dust and gas properties*
Supervisors: Prof. Amélie Saintonge and Prof. Ilse de Looze

Ph.D. Studentship (1 year), European Southern Observatory, Germany Sept.2019 - Sept.2020
Project Title: *Integrated and spatially resolved dust properties of AGN hosts at $z \sim 2$*
Supervisors: Dr. Vincenzo Mainieri and Dr. Chris Harrison

Research Project, Swinburne University of Technology, Australia Aug.-Oct. 2016
Project Title: *Ages of massive star forming clumps in turbulent disks from $H\alpha$ equivalent widths in the DYNAMO survey*
Supervisors: Prof. Deanne Fisher and Prof. Karl Glazebrook

M.Sc. in Physics, ETH Zürich, Switzerland 2014-2016
Thesis Title: *Near-infrared spectroscopy of nearby hard X-ray selected AGN*
Supervisors: Dr. Michael Koss and Prof. Kevin Schawinski

B.Sc. in Physics, ETH Zürich, Switzerland 2010-2014
Project Title: *Measurement of the accretion rate of nearby hard X-ray selected AGN using optical spectroscopy*
Supervisors: Dr. Michael Koss and Prof. Kevin Schawinski

TEACHING

Marking of Physics exercises, University College London 2017-2019
Introduction to Astronomy, Atomic Physics

Teaching Assistant at the Department of Mathematics, ETH Zürich 2014-2015
Mathematics I and II for architects

SEMINARS AND TALKS

Osservatorio di Arcetri, Firenze, IT, <i>Informal talk</i>	Feb. 2025
Centro de Astrobiología (CAB), Madrid, ES, <i>Informal talk</i>	Oct. 2023
Instituto de Astrofísica de Canarias (IAC), Tenerife, ES, <i>Invited talk</i>	Oct. 2022
University College London, London, UK, <i>Informal talk</i>	Jan. 2019
University of Central Lancashire, Preston, UK, <i>Invited department seminar</i>	Dec. 2018
University of Southampton, Southampton, UK, <i>Department talk</i>	May 2017
Durham University, Durham, UK, <i>Department talk</i>	March 2017
University of Cambridge, Cambridge, UK, <i>Informal talk</i>	Feb. 2017

CONFERENCES ATTENDED

AGN Populations Across Continents & Cosmic Time , Durham UK	July 2024
Contributed talk: <i>Characterisation of molecular outflows in ULIRGs using ALMA</i>	
IFPU Focus Week/workshop: Dust In Trieste , Trieste, IT	April 2024
Invited talk: <i>ISM conditions in high-redshift galaxies as seen by JWST/NIRSpec IFS</i>	
Enhance Networking and Gathering on Agn in Galaxy Evolution , Madrid, ES	Sept. 2023
Contributed talk: <i>The elusive evidence of outflows influencing star formation in $z \sim 2$ AGN</i>	
The JWST turns one: the birth and growth of galaxies , Sexten, IT	July 2023
Contributed talk: <i>NIRSpec IFS observations of a massive galaxy at $z \sim 3.5$ at the centre of a proto-cluster</i>	
VI Meeting of AGN Research in Spain , Granada, ES	Jan. 2023
Contributed talk: <i>Characterisation of molecular outflows in ULIRGs using ALMA</i>	
Behind a curtain of dust IV , Sexten, IT	July 2022
Contributed talk: <i>Characterisation of molecular outflows in ULIRGs using ALMA</i>	
European Astronomical Society Annual Meeting (EAS 2022) , Valencia, ES	June-July 2022
Contributed talk: <i>Characterisation of molecular outflows in ULIRGs using ALMA</i>	
Meeting of ALMA Young Astronomers 2022 online	March 2022
Contributed talk: <i>Characterisation of molecular outflows in ULIRGs using ALMA</i>	
Spatially Resolved Spectroscopy with Extremely Large Telescopes , online	Sept. 2021
Contributed talk: <i>Star-formation and AGN feedback in local ULIRGs using HARMONI</i>	
European Astronomical Society Annual Meeting (EAS 2021) , online	June-July 2021
Poster presentation: <i>Molecular outflows in ULIRGs with ALMA</i>	
European Astronomical Society Annual Meeting (EAS 2020) , online	June-July 2020
Poster presentation: <i>Impact of outflows on star-formation in $z \sim 2$ AGN hosts</i>	
Dusting the Universe , Tucson, AZ, USA	March 2019
Contributed talk: <i>Dust properties of nearby galaxies from the JINGLE survey inferred from hierarchical Bayesian SED fitting</i>	
The Laws of Star-Formation , Cambridge, UK	July 2018
Poster presentation: <i>Dust properties of nearby galaxies from the JINGLE survey</i>	
KIAA Forum of Gas in Galaxies , Peking University, China	June 2018
Poster presentation: <i>Dust properties of nearby galaxies from the JINGLE survey</i>	
European Week of Astronomy and Space Science (EWASS) , Liverpool, UK	April 2018
Poster presentation: <i>Dust properties of nearby galaxies from the JINGLE survey</i>	
Elusive AGN in the Next Era , Fairfax, VA, USA	June 2017
Contributed talk: <i>Near-infrared spectroscopy of nearby hard X-ray selected AGN</i>	

OBSERVING EXPERIENCE

JCMT: 10 nights SCUBA-2 and RxA observations for the JINGLE survey (2017-2018)
IRAM 30m telescope: seven nights CO spectroscopic observations for the xCOLD GASS survey (2017), seven nights continuum observations with NIKA-2 (2018).

ACCEPTED PROPOSALS

Proposals as P.I.:

ALMA: 14 hours, Cycle 11, 2024.

ISM at cosmic noon: star-formation and AGN activity resolved down to kpc-scales

ALMA: 8 hours, Cycle 9, 2022.

Tracing CO-dark gas in ULIRG outflows using [CI]

ALMA,: 17 hours, Cycle 8, 2021.

Testing the SFE bimodality: measuring the CO-to-H₂ conversion factor in ULIRGs using ¹³CO

IRAM 30m/NIKA-2: 21 hours, 2018.

Characterizing the millimeter emission in nearby galaxies with NIKA-2,

Proposals as Co-I:

ALMA: P.I.: C. Circosta, 38 hours, Cycle 10, 2023.

Unveiling the effect of AGN activity on CO excitation at cosmic noon

ALMA: P.I.: F. D'Eugenio, 12 hours, Cycle 10, 2023.

Searching for cold molecular gas in a massive, recently quenched galaxy at z=3

ALMA: P.I.: V. Mainieri, 65 hours, Cycle 8, 2021.

How common are extreme molecular haloes around z ~ 2 quasars?

ALMA: P.I.: V. Mainieri, 15 hours, Cycle 7, 2019.

Detecting the molecular CGM around an AGN at z=2

JWST/MIRI: P.I.: V. Mainieri, 19 hours, 2023.

JWST/MIRI unravels the impact of AGN feedback on star-formation at cosmic noon,

JWST/MIRI: P.I.: D. Kakkad, 26 hours, 2023.

A systematic search for warm molecular gas in AGN and star forming galaxies at z=2 with MIRI

JWST/MIRI: P.I.: V. Mainieri,, 13 hours, 2021.

A missing piece of the puzzle: the warm molecular phase of AGN-driven outflows at cosmic noon

VLA: P.I.: M. Rybak, 72 hours, 2023.

Title: Monsters with empty bellies: surveying dense gas in high-z galaxies

VLA: P.I.: S. Dougherty, , 11 hours, 2022.

The radio connection to multi-phase outflows at cosmic noon with VLA, JWST and VLT

JCMT: P.I.: L. Fanciullo, 70 hours, 2023.

A Census of Interstellar Dust in Nearby Green Valley Galaxies

Magellan/FIRE: P.I.: E. Treister, 1 night, 2018.

The BASS is on FIRE: Near-IR Spectroscopy of hard-X selected AGN in the local Universe,

VLT: P.I.: K. Oh, VLT, 31 hours of FORS2 and 37 hours of XSHOOTER, filler program, 2016.

Completing A Census of Black Hole Accretion Rates in the Local Universe through Optical Spectroscopy

INTERNATIONAL SCHOOLS AND WORKSHOPS ATTENDED

- European Radio Interferometry School (ERIS), Gothenburg, Sweden Oct. 2019
- Achieve your JWST data: getting ready for Cycle 4, Madrid, Spain Sept. 2024

PROGRAMMING SKILLS

Languages: Python (advanced), C++ (basic), HTML(basic)

Astronomy softwares: TOPCAT, QFitsView, DS9, CASA, emcee, pPXF, pyspeckit, PyStan, UCLPDR, 3DBAROLO

AWARDS AND GRANTS

- Seal of Excellence: from the European Commission for the project proposal 'Dust across cosmic times', submitted under the Horizon 2020's Marie Skłodowska-Curie actions call 2022-2023
- IFPU travel grant for the workshop 'Dust in Trieste' (~400€) 2024

- European Southern Observatory (ESO) 1-year studentship grant, ~20'000€ 2019-2020
- Royal Astronomical Society Travel Grant, 660£ (~790€) 2018
- Swiss Society for Astrophysics and Astronomy (SSAA) Travel Grant, 850CHF (~870€) 2017
- Scholarship in Astronomy at the Swinburne University of Technology, 4500AUD (~3000€) 2016

OUTREACH

- Volunteer for the activity 'Chat with an astronomer' organized by the Spanish Astronomical Society (SEA) for the international day of women and girls in science 2023
- Volunteer at the "Your Universe" event, a two-days exhibition for school pupils, organized annually at University College London 2020

STUDENT SUPERVISION

- Miguel Montero Vega (Master student at Universidad Complutense de Madrid):
6-month internship at CAB, primary advisor 2024
- Lorenzo Ulivi (PhD student at the University of Firenze):
visiting student at CAB, second advisor 2023

OTHERS

- Referee for A&A and ApJ from 2023
- Reviewer for ALMA proposals in cycles 8, 9,10, 11 (distributed peer-review) 2021-2024
- Organizer of a one-day internal workshop of the ELT/HARMONI team at CAB (12 participants) 2024
- Scientific organizer (co-chair) of the ENGAGE workshop at ESAC/Madrid (~ 30 participants) 2023
- Starter and co-organizer of the Extragalactic Meetings (bi-weekly internal meetings) at CAB 2023-2024
- Co-organizer of the Lunch Talks of the Astronomy group at UCL Spring semester 2019

PUBLICATIONS

Summary as of 01/07/2024 according to ADS:

Number of refereed publications: 49

Number of refereed publications as first author: 5

Refereed citations (excluding self-citations): 2000

Refereed citations of first-author papers (excluding self-citations): 159

h-index: 26

Link to [ADS library](#)

List of publications

First-author papers:

6. *GA-NIFS: JWST/NIRSpec IFS view of the $z\sim 3.5$ galaxy GS5001 and its close environment at the core of a large-scale overdensity*
Lamperti, I., Arribas, S., Perna, M., et al., *A&A*, 691, A153, (2024)
5. *Physics of ULIRGs with MUSE and ALMA: PUMA IV. No tight relation between cold molecular outflow rates and AGN luminosities*
Lamperti, I., Pereira-Santaella, M., Perna, M., et al., *A&A*, 668, A45, (2022)
4. *SUPER V. ALMA continuum observations of $z\sim 2$ AGN and the elusive evidence of outflows influencing star formation*
Lamperti, I., Harrison, C.M., Mainieri, V., et al., *A&A*, 654, A90 (2021)
3. *The CO(3-2)/CO(1-0) luminosity line ratio in nearby star-forming galaxies and AGN from xCOLD GASS, BASS and SLUGS*
Lamperti, I., Saintonge, A., Koss, M., et al., *ApJ*, 889, 103 (2020)
2. *JINGLE V: Dust properties of nearby galaxies derived from hierarchical Bayesian SED fitting*
Lamperti, I., Saintonge, A., De Looze, I., et al., *MNRAS*, 489, 4389-4417 (2019)
1. *BAT AGN Spectroscopic Survey - IV: Near-infrared coronal Lines, hidden broad lines, and correlation with hard X-ray emission.*
Lamperti, I., Koss, M., Trakhtenbrot, B., et al., *MNRAS*, 467, 540-572 (2017)

Other publications, including 1 (3) as 2nd (3rd) author:

55. *GA-NIFS: A galaxy-wide outflow in a Compton-thick mini-BAL quasar at $z = 3.5$ probed in emission and absorption*
Perna, M. et al. (including **Lamperti, I.**), *A&A*, 694, A170 (2025)
54. *JWST/NIRSpec insights into the circumnuclear region of Arp 220: A detailed kinematic study*
Ulivi, L. , Perna, M. , **Lamperti, I.**, et al., *A&A*, 693, A36 (2025)
53. *A fast-rotator post-starburst galaxy quenched by supermassive black-hole feedback at $z = 3$*
D'Eugenio, F. et al. (including **Lamperti, I.**), *Nature Astronomy*, 8, 1443-1456 (2024)
52. *GA-NIFS: an extremely nitrogen-loud and chemically stratified galaxy at $z\sim 5.55$*
Ji, X. et al. (including **Lamperti, I.**), *MNRAS*, 535, pp.881-908 (2024)
51. *KASHz+SUPER: Evidence of cold molecular gas depletion in AGN hosts at cosmic noon*
Bertola, E. et al. (including **Lamperti, I.**), *A&A*, 691, A178 (2024)
50. *GA-NIFS: NIRSpec reveals evidence for non-circular motions and AGN feedback in GN20*
Übler, H. et al. (including **Lamperti, I.**), *MNRAS*, 533, Issue 4, pp.4287-4299 (2024)
49. *No evidence of active galactic nucleus features in the nuclei of Arp 220 from JWST/NIRSpec IFS*
Perna, M., Arribas, S. , **Lamperti, I.**, et al. , *A&A*, 690, A171 (2024)

48. *SUPER: VIII. Fast and furious at $z \sim 2$: Obscured type-2 active nuclei host faster ionised winds than type-1 systems*
Tozzi, G., et al. (including **Lamperti, I.**), *A&A*, 690, A141 (2024)
47. *GA-NIFS: the interplay between merger, star formation, and chemical enrichment in MACS1149-JD1 at $z = 9.11$ with JWST/NIRSpec*
Marconcini, C., et al. (including **Lamperti, I.**), *MNRAS*, 533, 2, pp.2488-2501 (2024)
46. *H3+ absorption and emission in local (U)LIRGs with JWST/NIRSpec: Evidence for high H2 ionization rates*
Pereira-Santaella, M., et al. (including **Lamperti, I.**), *A&A*, 689, L12 (2024)
45. *GA-NIFS: The core of an extremely massive protocluster at the epoch of reionisation probed with JWST/NIRSpec*
Arribas, S., Perna, M., Rodríguez del Pino, B., **Lamperti, I.**, et al. *A&A*, 688, A146 (2024)
44. *GA-NIFS: JWST discovers an offset AGN 740 million years after the big bang*
Übler, H. et al. (including **Lamperti, I.**), *MNRAS*, 531, 355-365 (2024)
43. *ALMA reveals a compact and massive molecular outflow driven by the young AGN in a nearby ULIRG*
Holden, L. R. et al. (including **Lamperti, I.**), *MNRAS*, 530, 446-456 (2024)
42. *GA-NIFS: Co-evolution within a highly star-forming galaxy group at $z \sim 3.7$ witnessed by JWST/NIRSpec IFS*
Rodríguez del Pino, B. et al. (including **Lamperti, I.**), *A&A*, 684, A187 (2024)
41. *GA-NIFS: Early-stage feedback in a heavily obscured active galactic nucleus at $z = 4.76$*
Parlanti, E. et al. (including **Lamperti, I.**), *A&A*, 684, A24 (2024)
40. *GA-NIFS: The ultra-dense, interacting environment of a dual AGN at $z \sim 3.3$ revealed by JWST/NIRSpec IFS*
Perna, M. et al. (including **Lamperti, I.**), *A&A*, 679, A89 (2023)
39. *The impact of environmental effects on active galactic nuclei: A decline in the incidence of ionized outflows*
Rodríguez del Pino, B. et al. (including **Lamperti, I.**), *A&A*, 675, A41 (2023)
38. *Limited impact of jet-induced feedback in the multi-phase nuclear interstellar medium of 4C12.50*
Villar Martín, M. et al. (including **Lamperti, I.**), *A&A*, 673, A25 (2023)
37. *SUPER VII. morphology and kinematics of H α emission in AGN host galaxies at cosmic noon using SINFONI*
Kakkad, D. et al. (including **Lamperti, I.**), *MNRAS*, 520, 5783-5802 (2023)
36. *PRUSSIC I – a JVLA survey of HCN/HCO $^+$ /HNC (1-0) emission in $z \sim 3$ dusty galaxies: Low dense-gas fractions in high-redshift star-forming galaxies*
Rybak, M. et al. (including **Lamperti, I.**), *A&A*, 667 A79 (2022)
35. *Dust grain size evolution in local galaxies: a comparison between observations and simulations*
Relaño, M. et al. (including **Lamperti, I.**), *MNRAS*, 515, 5306-5334 (2022)
34. *BASS. XXIX. The Near-infrared View of the Broad-line Region (BLR): The Effects of Obscuration in BLR Characterization*
Ricci, F. et al. (including **Lamperti, I.**), *ApJS*, 261, 8 (2022)
33. *BASS. XXVIII. Near-infrared Data Release 2: High-ionization and Broad Lines in Active Galactic Nuclei*
den Brok, J. S. et al. (including **Lamperti, I.**), *ApJS*, 261, 7 (2022)
32. *BASS. XXVI. DR2 Host Galaxy Stellar Velocity Dispersions*
Koss, M. J. et al. (including **Lamperti, I.**), *ApJS*, 261, 6 (2022)

31. *BASS. XXIV. The BASS DR2 Spectroscopic Line Measurements and AGN Demographics*
Oh, K. et al. (including **Lamperti, I.**), ApJS, 261, 4 (2022)
30. *BASS. XXII. The BASS DR2 AGN Catalog and Data*
Koss, M. J. et al. (including **Lamperti, I.**), ApJS, 261, 2 (2022)
29. *BASS. XXI. The Data Release 2 Overview*
Koss, M. J. et al. (including **Lamperti, I.**), ApJS, 261, 1 (2022)
28. *Physics of ULIRGs with MUSE and ALMA: The PUMA project. III. Incidence and properties of ionised gas disks in ULIRGs, associated velocity dispersion, and its dependence on starburstiness*
Perna, M. et al. (including **Lamperti, I.**), A&A, 662, A94 (2022)
27. *Investigating Cold Dust Properties of 12 Nearby Dwarf Irregular Galaxies by Hierarchical Bayesian Spectral Energy Distribution Fitting*
Chang, Z., Zhou, J., **Lamperti, I.**, et al., ApJ, 915, 51 (2021)
26. *Physics of ULIRGs with MUSE and ALMA: The PUMA project. II. Are local ULIRGs powered by AGN? The subkiloparsec view of the 220 GHz continuum*
Pereira-Santaella, M., Colina, L., García-Burillo, S., **Lamperti, I.**, et al. , A&A, 651, A42 (2021)
25. *SUPER. IV. CO($J = 3-2$) properties of active galactic nucleus hosts at cosmic noon revealed by ALMA*
Circosta, C., Mainieri, V., **Lamperti, I.**, et al., A&A, 646, A96 (2021)
24. *BAT AGN Spectroscopic Survey. XX. Molecular Gas in Nearby Hard-X-Ray-selected AGN Galaxies*
Koss, M. J., Strittmatter, B., **Lamperti, I.** et al., ApJS, 252, 29 (2021)
23. *JINGLE - IV. Dust, H I gas, and metal scaling laws in the local Universe*
De Looze, I., **Lamperti, I.**, Saintonge, A., et al., MNRAS, 496, 3668–3687 (2020)
22. *The HASHTAG project I. A survey of CO($3-2$) emission from the star forming disc of M31*
Li, Z. et al. (including **Lamperti, I.**), MNRAS, 492, 195-209 (2020)
21. *BAT AGN Spectroscopic Survey - XIX: Type 1 versus Type 2 AGN dichotomy from the point of view of ionized outflows*
Rojas, A.F. et al. (including **Lamperti, I.**), MNRAS, 491, 5867-5880 (2020)
22. *Estimating the molecular gas mass of low-redshift galaxies from a combination of mid-infrared luminosity and optical properties*
Gao, Y. et al. (including **Lamperti, I.**), ApJ, 887, 172 (2019)
19. *BAT AGN Spectroscopic Survey - XIII. The nature of the most luminous obscured AGN in the low-redshift universe*
Bär, R. E. et al. (including **Lamperti, I.**), MNRAS, 489, 3073-3092 (2019)
18. *BAT AGN Spectroscopic Survey. XVI. General Physical Characteristics of BAT Blazars*
Paliya, V.S. et al. (including **Lamperti, I.**), ApJ, 881, 154 (2019)
17. *JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies - II. SCUBA-2 850 μ m data reduction and dust flux density catalogues*
Smith, M. W. L., Clark, C. J. R., De Looze, I., **Lamperti, I.**, et al., MNRAS, 486(3), 4166-4185 (2019)
16. *NuSTAR and Keck Observations of Heavily Obscured Quasars Selected by WISE*
Yan, W. et al. (including **Lamperti, I.**), ApJ, 870, 33 (2019)
15. *JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies - I. Survey overview and first results.*
Saintonge, A. et al. (including **Lamperti, I.**), MNRAS, 481(3), 3497-3519 (2018)

14. *BAT AGN Spectroscopic Survey - XII. The relation between coronal properties of active galactic nuclei and the Eddington ratio.*
Ricci, C. et al. (including **Lamperti, I.**), MNRAS, 480, 1819-1830 (2018)
13. *BAT AGN Spectroscopic Survey. VIII. Type 1 AGN with Massive Absorbing Columns.*
Shimizu, T. T. et al. (including **Lamperti, I.**), ApJ, 856, 154 (2018)
12. *xCOLD GASS: The Complete IRAM 30 m Legacy Survey of Molecular Gas for Galaxy Evolution Studies.*
Saintonge, A. et al. (including **Lamperti, I.**), ApJS, 233, 22 (2017)
11. *BAT AGN Spectroscopic Survey - V. X-Ray Properties of the Swift/BAT 70-month AGN Catalog.*
Ricci, C. et al. (including **Lamperti, I.**), ApJS, 233, 17 (2017a)
10. *BAT AGN Spectroscopic Survey - I. Spectral Measurements, Derived Quantities, and AGN Demographics.*
Koss, M., Trakhtenbrot, B., Ricci, C., **Lamperti, I.**, et al., ApJ, 850(1), 74 (2017)
9. *The close environments of accreting massive black holes are shaped by radiative feedback.*
Ricci, C. et al. (including **Lamperti, I.**), Nature, 549(7), 488-491 (2017b)
8. *BAT AGN Spectroscopic Survey (BASS) - VI. The $\Gamma_X - L/L_{Edd}$ relation.*
Trakhtenbrot, B. et al. (including **Lamperti, I.**), MNRAS, 470(1), 800-814 (2017)
7. *The NuSTAR Serendipitous Survey: Hunting for the Most Extreme Obscured AGN at > 10 keV.*
Lansbury, G. B. et al. (including **Lamperti, I.**), ApJ, 846(1), 20 (2017)
6. *The weak Fe fluorescence line and long-term X-ray evolution of the Compton-thick active galactic nucleus in NGC 7674.*
Gandhi, P. et al. (including **Lamperti, I.**), MNRAS, 467, 4606-4621 (2017)
5. *BAT AGN Spectroscopic Survey - III. An observed link between AGN Eddington ratio and narrow-emission-line ratios.*
Oh, K. et al. (including **Lamperti, I.**), MNRAS, 464, 1466-1473 (2017)
4. *Determining the radio active galactic nuclei contribution to the radio-far-infrared correlation using the black hole Fundamental Plane relation.*
Wong, O. I. et al. (including **Lamperti, I.**), MNRAS, 460, 1588-1597 (2016)
3. *A New Population of Compton-thick AGNs Identified Using the Spectral Curvature above 10 keV.*
Koss, M. J. et al. (including **Lamperti, I.**), ApJ, 825(2), 85 (2016b)
2. *NuSTAR Resolves the First Dual AGN above 10 keV in SWIFT J2028.5+2543.*
Koss, M. J. et al. (including **Lamperti, I.**), ApJL, 824, L4 (2016a)
1. *BAT AGN spectroscopic survey-II. X-ray emission and high-ionization optical emission lines.*
Berney, S. et al. (including **Lamperti, I.**), MNRAS, 454, 3622-3634 (2015)