Isabella Lamperti

PERSONAL DETAILS

Address:	Instituto Nacional de Técnica Aeroespacial (INTA) Centro de Astrobiología (CAB) Carretera de Ajalvir km 4 28850 Torrejón de Ardoz, Madrid Spain
Mobile:	+44 (0)7871 562110
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Website	https://isalamperti.github.io
Languages:	Italian (mother tongue), English (fluent), German (conversational), Spanish (conversational), French (basic)
Citizenship:	Swiss, Italian

EDUCATION & RESEARCH EXPERIENCE

Postdoctoral researcher, Astrobiology Center (CAB/INTA-CSIC), Spain Dec. 2020-present
Project Title: *Investigating molecular gas outflows in ultra-luminous infrared galaxies (ULIRGs) using ALMA high spatial resolution observations*
Supervisor: Dr. Miguel Pereira-Santaella

Ph.D. in Astrophysics, University College London, UK 2016-2020
Thesis Title: *Probing galaxy evolution through interstellar dust and gas properties*
Supervisors: Dr. Amélie Saintonge and Dr. 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 Hα equivalent widths in the DYNAMO survey*
Supervisor: Dr. 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 2013-2016
Mathematics I and II for architects

SEMINARS AND TALKS

University College London, London, UK, *Lunch talk* Jan. 2019
University of Central Lancashire, Preston, UK, *Department seminar* Dec. 2018

University of Southampton, Southampton, UK, *Lunch talk* May 2017
Durham University, Durham, UK, *Lunch talk* March 2017
University of Cambridge, Cambridge, UK, *Talk at the X-ray bunclub* Feb. 2017

CONFERENCES ATTENDED

Spatially Resolved Spectroscopy with Extremely Large Telescopes, online Sept. 2021
Contributed talk: *Star-formation and AGN feedback in local ULIRGs using HARMONI*
European Astronomical Society Annual Meeting (EAS 2021), online June-July 2021
Poster presentation: *Molecular outflows in ULIRGs with ALMA*
European Astronomical Society Annual Meeting (EAS 2020), online June-July 2020
Poster presentation: *Impact of outflows on star-formation in $z \sim 2$ AGN hosts*
Dusting the Universe, Tucson, AZ, USA March 2019
Contributed talk: *Dust properties of nearby galaxies from the JINGLE survey inferred from hierarchical Bayesian SED fitting*
The Laws of Star-Formation, Cambridge, UK July 2018
Poster presentation: *Dust properties of nearby galaxies from the JINGLE survey*
KIAA Forum of Gas in Galaxies, Peking University, China June 2018
Poster presentation: *Dust properties of nearby galaxies from the JINGLE survey*
European Week of Astronomy and Space Science (EWASS), Liverpool, UK April 2018
Poster presentation: *Dust properties of nearby galaxies from the JINGLE survey*
Elusive AGN in the Next Era, Fairfax, VA, USA June 2017
Contributed talk: *Near-infrared spectroscopy of nearby hard X-ray selected AGN*

INTERNATIONAL SCHOOLS ATTENDED

European Radio Interferometry School (ERIS), Gothenburg, Sweden Oct. 2019

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 during NIKA-2 observing pool week (2018).

ACCEPTED PROPOSALS

ALMA: as P.I., Title: *Testing the SFE bimodality: measuring the CO-to-H_2 conversion factor in ULIRGs using ^{13}CO*, 17.6 hours, 2021

IRAM 30m/NIKA-2: as P.I., Title: *Characterizing the millimeter emission in nearby galaxies with NIKA-2*, 20.9 hours, 2018

Magellan/FIRE: P.I.: E. Treister, Title: *The BASS is on FIRE: Near-IR Spectroscopy of hard-X selected AGN in the local Universe*, 1 night, 2018

VLT: P.I.: K. Oh, Title: *Completing A Census of Black Hole Accretion Rates in the Local Universe through Optical Spectroscopy*, VLT, 31 hours of FORS2 and 37 hours of XSHOOTER, filler program, 2016

PROGRAMMING SKILLS

Python, LaTeX, C++ (basic), Softwares: `pPXF`, `CASA`, `emcee`, `PyStan`

AWARDS AND GRANTS

Royal Astronomical Society Travel Grant, £660 2018
Swiss Society for Astrophysics and Astronomy (SSAA) Travel Grant for young scientist, £680 2017
Scholarship in Astronomy at Centre for Astrophysics and Supercomputing, Swinburne University of Technology, £2500 2016

OTHERS

Co-organizer of the Lunch Talks of the Astronomy group at UCL Spring semester 2019

PUBLICATIONS

Summary as of 21/01/2020 according to ADS:
Number of refereed publications: 25
Number of refereed publications as first author: 3
Refereed citations: 356
h-index: 13

List of publications

First-author papers:

4. *SUPER V. ALMA continuum observations of z∼2 AGN and the elusive evidence of outflows influencing star formation*
Lamperti, I., Harrison, C.M., Mainieri, V., Kakkad, D., Perna, M., Circosta, C., Scholtz, J., Carniani, S., Cicone, C., Alexander, D.M., Bischetti, M., Calistro Rivera, G., Chen, C.-C., Cresci, G., Feruglio, C., Fiore, F., Mannucci, F., Marconi, A., Martínez-Ramírez, L. N., Netzer,H., Piconcelli, E., Puglisi, A., Rosario, D.J., Schramm, M., Vietri, G., Vignali, C., and Zappacosta, L.
Astronomy & Astrophysics, 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., Viti, S., Wilson, D. C., He, H., Shimizu, T., Greve, T., Kramer, C., Mushotzky, R., Sanders, D., Schawiski, K., Tacconi, L. J., and Treister, E.
The Astrophysical Journal, 889, 103 (2020)

2. *JINGLE V: Dust properties of nearby galaxies derived from hierarchical Bayesian SED fitting*
Lamperti, I., Saintonge, A., De Looze, I., Accurso, A., Smith, M. W. L., Clark, C. J. R., Wilson, C. D., Xiao, T., Hwang, H. S., Lin, L., Sargent, M., Bureau, M., Brinks, E., Clements, D. L., Eales, S., Williams, T. G., Brown, T., Yang, C., Michalowski, M. J., Lee, J. C., and Glass, D. H. W.
Monthly Notices of the Royal Astronomical Society, 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., Schawinski, K., Ricci, C., Oh, K., Landt, H., Riffel, R., Rodr éiguez-Ardila, A., Gehrels, N., Harrison, F., Masetti, N., Mushotzky, R., Treister, E., Ueda, Y., and Veilleux, S.
Monthly Notices of the Royal Astronomical Society, 467, 540-572 (2017)

Other publications:

27. *Investigating Cold Dust Properties of 12 Nearby Dwarf Irregular Galaxies by Hierarchical Bayesian Spectral Energy Distribution Fitting*
Chang, Z.; Zhou, J.; **Lamperti, I.**; Saintonge, A.; Esimbek, J.; Li, D.; He, Y.; Qiu, J.; Li, J.; Zhou, Z.
The Astrophysical Journal, 915, 51(2021)

26. *Are local ULIRGs powered by AGN? The sub-kpc view of the 220 GHz continuum. PUMA II*
Pereira-Santaella, M.; Colina, L.; García-Burillo, S.; **Lamperti, I.**; González-Alfonso, E.; Perna, M.; Arribas, S.; Alonso-Herrero, A.; Aalto, S.; Combes, F.; Labiano, A.; Piqueras-López, J.; Rigopoulou, D.; van der Werf, P.
Astronomy & Astrophysics, 651, A42 (2021)

25. *BAT AGN Spectroscopic Survey. XX. Molecular Gas in Nearby Hard-X-Ray-selected AGN Galaxies*
Koss, M. J.; Strittmatter, B.; **Lamperti, I.**; Shimizu, T.; Trakhtenbrot, B.; Saintonge, A.; Treister, E. Cicone, C.; Mushotzky, R.; Oh, K.; Ricci, C.; Stern, D.; Ananna, T. T.; Bauer, F. E.;

Privon, G. C.; Bär, R.f E.; De Breuck, .; Harrison, F.; Ichikawa, K.; Powell, M. C.; Rosario, D.; Sanders, D. B.; Schawinski, K.; Shao, L.; Urry, M.C.; Veilleux, S.
Astronomy & Astrophysics, 646, A96 (2021)

24. *SUPER. IV. CO(J = 3-2) properties of active galactic nucleus hosts at cosmic noon revealed by ALMA*
Circosta, C.; Mainieri, V.;**Lamperti, I.**; Padovani, P.; Bischetti, M.; Harrison, C. M.; Kakkad, D.; Zanella, A.; Vietri, G.; Lanzuisi, G.; Salvato, M.; Brusa, M.; Carniani, S.; Cicone, C.; Cresci, G.; Feruglio, C.; Husemann, B.; Mannucci, F.; Marconi, A.; Perna, M.; Piconcelli, E.; Puglisi, A.; Saintonge, A.; Schramm, M.; Vignali, C.; Zappacosta, L.
Astronomy & Astrophysics, 646, A96 (2021)

23. *JINGLE - IV. Dust, H I gas, and metal scaling laws in the local Universe*
De Looze, I., **Lamperti, I.**, Saintonge, A., Relaño, M., Smith, M. W. L., Clark, C. J. R., Wilson, C. D., Decleir, M., Jones, A. P.; Kennicutt, R. C., Accurso, G., Brinks, E., Bureau, M., Cigan, P., Clements, D. L., De Vis, P., Fanciullo, L., Gao, Y., Gear, W. K.; Ho, L. C., Hwang, H. S., Michałowski, M. J., Lee, J. C., Li, C., Lin, L., Liu, T., Lomaeva, M., Pan, H. -A., Sargent, M., Williams, T., Xiao, T., and Zhu, M.
Monthly Notices of the Royal Astronomical Society, 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., Li, Z., Smith, M. W. L., Wilson, C.D., Gao, Y., Eales, S.A., Ao, Y., Bureau, M, Aeree Chung, A., Davis, T. A., de Grijs, R., Eden, D.J., He, J., Hughes, T.M., Jiang, X., Kemper, F., **Lamperti, I.**, Lee, B., Lee, C.-H., Michalowski , M. J., Parsons, H., Ragan, S., Scicluna, P., Shi, Y., Tang, X., Tomičić, N., Viaene, S., Williams, T. G., and Zhu, M.
Monthly Notices of the Royal Astronomical Society, 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., Sani, E., Gavignaud, I., Ricci, C., **Lamperti, I.**, Koss, M., Trakhtenbrot, B., Schawinski, K., Oh, K., Bauer, F. E., Bischetti, M, Boissay-Malaquin, R., Bongiorno, A., Harrison, F., Kakkad, D., Masetti, N., Ricci, F., Shimizu, T., Stalevski, M., Stern, D, and Vietri, G.
Monthly Notices of the Royal Astronomical Society, 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., Xiao,T., Li, C., Jiang, X. J., Tan, Q.H., Gao, Y., Wilson, C.D., Bureau, M, Saintonge, A., Sanchez-Gallego, J. R., Brown, T., Clark, C. J. R., Hwang, H. S., **Lamperti, I.**, Lin, L., Liu, L., Lu, D., Pan, H.A., Sun, J., and Williams, T. G.
The Astrophysical Journal, 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., Trakhtenbrot, B., Oh, K., Koss, M. J., Wong, O. I., Ricci, C., Schawinski, K., Weigel, A. K., Sartori, L.F., Ichikawa, K., Secrest, N. J., Stern, D., Pacucci, F., Mushotzky, R., Powell, M. C.; Ricci, F., Sani, E., Smith, K. L., Harrison, F. A., **Lamperti, I.**, and Urry, M. C.
Monthly Notices of the Royal Astronomical Society, 489, 3073-3092 (2019)

18. *BAT AGN Spectroscopic Survey. XVI. General Physical Characteristics of BAT Blazars*
Paliya, V.S., Koss, M., Trakhtenbrot, B., Ricci, C., Oh, K., Ajello, M., Stern, D., Powell, M. C., Urry, C. M., Harrison, F., **Lamperti, I.**, Mushotzky, R., Marcotulli, L., Mejìa-Restrepo, J., and Hartmann, D.
The Astrophysical Journal, 881, 154 (2019)

17. *JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies - II. SCUBA-2 850μm data reduction and dust flux density catalogues*
Smith, M. W. L., Clark, C. J. R., De Looze, I., **Lamperti, I.**, Saintonge, A., Wilson, C. D., Accurso, G., Brinks, E., Bureau, M., Chung, E. J., Cigan, P. J., Clements, D. L., Dharmawardena, T., Fanciullo, L., Gao, Y., Gao, Y., Gear, W. K., Gomez, H. L., Greenslade, J., Hwang, H. S.,

Kemper, F., Lee, J. C., Li, C., Lin, L., Liu, L., Molnár, D. C., Mok, A., Pan, H., Sargent, M., Scicluna, P., Smith, C. M. A., Urquhart, S., Williams, T. G., Xiao, T., Yang, C., and Zhu, M.
Monthly Notices of the Royal Astronomical Society, 486(3), 4166-4185 (2019)

16. *NuSTAR and Keck Observations of Heavily Obscured Quasars Selected by WISE*
Yan, W., Hickox, R. C., Hainline, K. N., Stern, D., Lansbury, G., Alexander, D. M., Hviding, R. E., Roberto J. Assef, R. J., Ballantyne, D. R., Dipompeo, M. A., Lanz, L., Carroll, C. M., Koss, M., **Lamperti, I.**, Civano, F., Del Moro, A., Gandhi, P., and Myers, A. D.
The Astrophysical Journal, 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., Wilson, C. D., Xiao, T., Lin, L., Hwang, H. S., Tosaki, T., Bureau, M., Cigan, P. J., Clark, C. J. R., Clements, D. L., De Looze, I., Dharmawardena, T., Gao, Y., Gear, W. K., Greenslade, J., **Lamperti, I.**, Lee, J. C., Li, C., Michalowski, M. J., Mok, A., Pan, H.-A., Sansom, A. E., Sargent, M., Smith, M. W. L., Williams, T., Yang, C., Zhu, M., Accurso, G., Barmby, P., Brinks, E., Bourne, N., Brown, T., Chung, A., Chung, E. J., Cibinel, A., Coppin, K., Davies, J., Davis, T. A., Eales, S., Fanciullo, L., Fang, T., Gao, Y., Glass, D. H. W., Gomez, H. L., Greve, T., He, J., Ho, L. C., Huang, F., Jeong, H., Jiang, X., Jiao, Q., Kemper, F., Kim, J. H., Kim, M., Kim, T., Ko, J., Kong, X., Lacaille, K., Lacey, C. G., Lee, B., Lee, J. H., Lee, W.-K., Masters, K., Oh, S.-H., Papadopoulos, P., Park, C., Park, S.-J., Parsons, H., Rowlands, K., Scicluna, P., Scudder, J. M., Sethuram, R., Serjeant, S., Shao, Y., Sheen, Y.-K., Shi, Y., Shim, H., Smith, C. M. A., Spekkens, K., Tsai, A.-L., Verma, A., Urquhart, S., Violino, G., Viti, S., Wake, D., Wang, J., Wouterloot, J., Yang, Y., Yim, K., Yuan, F., and Zheng, Z. .
Monthly Notices of the Royal Astronomical Society, 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., Ho, L. C., Fabian, A. C., Trakhtenbrot, B., Koss, M. J., Ueda, Y., Lohfink, A., Shimizu, T., Bauer, F. E., Mushotzky, R., Schawinski, K., Paltani, S., **Lamperti, I.**, Treister, E., and Oh, K.
Monthly Notices of the Royal Astronomical Society, 480, 1819-1830 (2018)

13. *BAT AGN Spectroscopic Survey. VIII. Type 1 AGN with Massive Absorbing Columns.*
Shimizu, T. T., Davies, R. I., Koss, M., Ricci, C., **Lamperti, I.**, Oh, K., Schawinski, K., Trakhtenbrot, B., Burtscher, L., Genzel, R., Lin, M.-y., Lutz, D., Rosario, D., Sturm, E., and Tacconi, L. .
The Astrophysical Journal, 856, 154 (2018)

12. *xCOLD GASS: The Complete IRAM 30 m Legacy Survey of Molecular Gas for Galaxy Evolution Studies.*
Saintonge, A., Catinella, B., Tacconi, L. J., Kauffmann, G., Genzel, R., Cortese, L., Dav ée, R., Fletcher, T. J., Graci éa-Carpio, J., Kramer, C., Heckman, T. M., Janowiecki, S., Lutz, K., Rosario, D., Schiminovich, D., Schuster, K., Wang, J., Wuyts, S., Borthakur, S., **Lamperti, I.**, and Roberts- Borsani, G. W.
The Astrophysical Journal Supplement Series, 233, 22 (2017)

11. *BAT AGN Spectroscopic Survey - V. X-Ray Properties of the Swift/BAT 70-month AGN Catalog.*
Ricci, C., Trakhtenbrot, B., Koss, M. J., Ueda, Y., Del Vecchio, I., Treister, E., Schawinski, K., Paltani, S., Oh, K., **Lamperti, I.,** Berney, S., Gandhi, P., Ichikawa, K., Bauer, F. E., Ho, L. C., Asmus, D., Beckmann, V., Soldi, S., Balokovic, M., Gehrels, N., and Markwardt, C. B.
The Astrophysical Journal Supplement Series, 233, 17 (2017a)

10. *BAT AGN Spectroscopic Survey - I. Spectral Measurements, Derived Quantities, and AGN Demographics.*
Koss, M., Trakhtenbrot, B., Ricci, C., **Lamperti, I.**, Oh, K., Berney, S., Schawinski, K., Balokovic, M., Baronchelli, L., Crenshaw, D. M., Fischer, T., Gehrels, N., Harrison, F., Hashimoto, Y., Hogg, D., Ichikawa, K., Masetti, N., Mushotzky, R., Sartori, L., Stern, D., Treister, E., Ueda, Y.,

Veilleux, S., and Winter, L.
The Astrophysical Journal, 850(1),74 (2017)

9. *The close environments of accreting massive black holes are shaped by radiative feedback.*
Ricci, C., Trakhtenbrot, B., Koss, M. J., Ueda, Y., Schawinski, K., Oh, K., **Lamperti, I.**, Mushotzky, R., Treister, E., Ho, L. C., Weigel, A., Bauer, F. E., Paltani, S., Fabian, A. C., Xie, Y., and Gehrels, N.
Nature, 549(7), 488-491 (2017b)

8. *BAT AGN Spectroscopic Survey (BASS) - VI. The $\Gamma_X - L/L_{Edd}$ relation.*
Trakhtenbrot, B., Ricci, C., Koss, M. J., Schawinski, K., Mushotzky, R., Ueda, Y., Veilleux, S., **Lamperti, I.**, Oh, K., Treister, E., Stern, D., Harrison, F., Balokovic, M., and Gehrels, N.
Monthly Notices of the Royal Astronomical Society, 470(1), 800-814 (2017)

7. *The NuSTAR Serendipitous Survey: Hunting for the Most Extreme Obscured AGN at > 10 keV.*
Lansbury, G. B., Alexander, D. M., Aird, J., Gandhi, P., Stern, D., Koss, M., **Lamperti, I.**, Ajello, M., Annuar, A., Assef, R. J., Ballantyne, D. R., Balokovic, M., Bauer, F. E., Brandt, W. N., Brightman, M., Chen, C. T. J., Civano, F., Comastri, A., Del Moro, A., Fuentes, C., Harrison, F. A., Marchesi, S., Masini, A., Mullaney, J. R., Ricci, C., Saez, C., Tomsick, J. A., Treister, E., Walton, D. J., and Zappacosta, L. .
The Astrophysical Journal, 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., Annuar, A., Lansbury, G. B., Stern, D., Alexander, D. M., Bauer, F. E., Bianchi, S., Boggs, S. E., Boorman, P. G., Brandt, W. N., Brightman, M., Christensen, F. E., Comastri, A., Craig, W. W., Del Moro, A., Elvis, M., Guainazzi, M., Hailey, C. J., Harrison, F. A., Koss, M., **Lamperti, I.**, Malaguti, G., Masini, A., Matt, G., Puccetti, S., Ricci, C., Rivers, E., Walton, D. J., and Zhang, W. W.
Monthly Notices of the Royal Astronomical Society, 467, 4606-4621 (2017)

5. *BAT AGN Spectroscopic Survey - III. An observed link between AGN Eddington ratio and narrow-emission-line ratios.*
Oh, K., Schawinski, K., Koss, M., Trakhtenbrot, B., **Lamperti, I.**, Ricci, C., Mushotzky, R., Veilleux, S., Berney, S., Crenshaw, D. M., Gehrels, N., Harrison, F., Masetti, N., Soto, K. T., Stern, D., Treister, E., and Ueda, Y.
Monthly Notices of the Royal Astronomical Society, 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., Koss, M. J., Schawinski, K., Kapińska, A. D., **Lamperti, I.**, Oh, K., Ricci, C., Berney, S., and Trakhtenbrot, B.
Monthly Notices of the Royal Astronomical Society, 460, 1588-1597 (2016)

3. *A New Population of Compton-thick AGNs Identified Using the Spectral Curvature above 10 keV.*
Koss, M. J., Assef, R., Balokovic, M., Stern, D., Gandhi, P., **Lamperti, I.**, Alexander, D. M., Ballantyne, D. R., Bauer, F. E., Berney, S., Brandt, W. N., Comastri, A., Gehrels, N., Harrison, F. A., Lansbury, G., Markwardt, C., Ricci, C., Rivers, E., Schawinski, K., Trakhtenbrot, B., Treister, E., and Urry, C. M.
The Astrophysical Journal, 825(2), 85 (2016b)

2. *NuSTAR Resolves the First Dual AGN above 10 keV in SWIFT J2028.5+2543.*
Koss, M. J., Glidden, A., Balokovic, M., Stern, D., **Lamperti, I.**, Assef, R., Bauer, F., Ballantyne, D., Boggs, S. E., Craig, W. W., Farrah, D., Fürst, F., Gandhi, P., Gehrels, N., Hailey, C. J., Harrison, F. A., Markwardt, C., Masini, A., Ricci, C., Treister, E., Walton, D. J., and Zhang, W. W.
The Astrophysical Journal Letters, 824, L4 (2016a)

1. *BAT AGN spectroscopic survey-II. X-ray emission and high-ionization optical emission lines.*
Berney, S., Koss, M., Trakhtenbrot, B., Ricci, C., **Lamperti, I.**, Schawinski, K., Balokovic, M., Crenshaw, D. M., Fischer, T., Gehrels, N., Harrison, F., Hashimoto, Y., Ichikawa, K., Mushotzky, R., Oh, K., Stern, D., Treister, E., Ueda, Y., Veilleux, S., and Winter, L.
Monthly Notices of the Royal Astronomical Society, 454, 3622-3634 (2015)