

List of seminars and presentations at conferences and workshops

Michele Perna

October 21, 2025

Invited lectures and talks:

1. Royal Astronomical Society's specialist discussion titled "AGN-Driven Multiphase Outflows: Toward Consensus Between Theory and Observation", London, UK. Review Talk: *AGN-driven multiphase outflows: observational perspectives and challenges*, 10 Oct 2025
2. IFPU Focus Week workshop on "Luminous quasars as laboratories for the formation and evolution of SMBH/galaxy systems", Trieste, IT: *GA-NIFS: a high number of dual AGN at $z > 3$* , 11 June 2025
3. European Space Observatory special seminar in Garching, GE: *"The GA-NIFS approach to JWST NIRSpec IFU data reduction & Insights from a $z \sim 3$ ring galaxy"*, 26 May 2025
4. Extragalactic group meeting at the Astrophysical Observatory of Arcetri, IT: *"GA-NIFS: The most distant Ring Galaxy"*, 21 May 2025
5. MIRI European Consortium in Madrid, ES: *"The GA-NIFS initiative for a shared approach to refine JWST NIRSpec IFU data processing"*, 23 Apr 2025
6. IFPU Focus Week workshop on "The quest for dual and binary supermassive black holes in the multi-messenger era", Trieste IT: *GA-NIFS: a high number of dual AGN at $z > 3$* , 13 Jan 2025
7. Osservatorio Astronomico di Brera colloquium in Milan, IT: *Galaxy Assembly with JWST/NIRSpec IFS (GA-NIFS): the dense environment of luminous AGN at $z > 3$* , 4 June 2024
8. European Space Agency SCI-S seminar, virtual: *"Galaxy Assembly with JWST/NIRSpec IFS (GA-NIFS): the dense environment of AGN at $z > 3$ "*, 7 Dec 2023
9. Improving JWST Data Products Workshop in Baltimore, US: *"The GA-NIFS initiative for a shared approach to refine JWST NIRSpec IFU data processing"*, 14–17 Nov 2023
10. Osservatorio Astronomico di Roma colloquium, IT: *"First results from the JWST GTO programme 'Galaxy Assembly with NIRSpec IFS' (GA-NIFS): the gaseous environment and ISM properties of quasars at $z = 3-7$ "*, 30 May 2023
11. University of Cambridge IoA seminar, UK: *"The ultradense, interacting environment of a dual AGN at $z \sim 3.3$ revealed by JWST/NIRSpec IFS"*, 17 May 2023
12. European Space Agency ESA/ESAC Engage meeting, Madrid, ES: *"The environment of quasars in the early Universe - First results from the JWST GTO programme Galaxy Assembly with NIRSpec IFS"*, 18–22 Sep 2023
13. Multiphase AGN Feeding & Feedback II conference in Sexten, IT: *"Outflows in Low- z ULIRGs Observed with MUSE, and in High- z AGN from Mock IFS Data"*, 20–24 Jun 2022
14. European Space Observatory ESO Informal discussion in Garching, GE: *"Multi-phase outflows in active galactic nuclei", ESO HQ, Garching, Germany'*, 13 Mar 2019
15. European Space Observatory ESO Informal discussion in Garching, GE: *"Signatures of multi-phase AGN-driven outflows in optical spectra"*, 3 April 2019
16. The reality and Myths of AGN feedback. A Lorentz Center Workshop, Leiden, NL: *"Incidence and characterization of AGN-driven outflows"*, 16–20 Oct. 2017

17. IN & OUT. what rules the galaxy baryon cycle? workshop in Garching, GE: “*Neutral and ionised gas outflows in SDSS AGNs*”, 26 June – 21 July 2017
18. Astrobigne’ talk at the Astrophysical Observatory of Arcetri, IT: “*An X-ray/SDSS sample: multiphase outflow incidence, dependence on AGN luminosity, and PLASMA properties*”, 7 Feb 2017
19. Extragalactic group meeting at University of Sussex, Brighton, UK: “*Reddened/obscured QSOs as signposts of objects in the feedback phase*”, 11 Feb 2016

30+ oral contributions (and 7 posters) in international conferences and workshops:

1. Luminous quasars as laboratories for the formation and evolution of SMBH/galaxy systems, IFPU Focus Week, Trieste, IT, contributed talk: “*UV and optical diagnostics to identify high- z AGN; Incidence and velocity of ionised outflows in high- z AGN*”, 9 – 13 June 2025
2. CRISOL25, galaxy origins in the JWST era, Toledo, ES, contributed talk: “*GA-NIFS: a high number of dual AGN at $z > 3$* ”, 12 – 16 May 2025
3. Workshop Achieve your JWST data: getting ready for Cycle 4, Madrid, ES: talks, trainer and tutor of students, 19 – 20 Sep 2024
4. NIRSpec GTO meeting, Madrid, ES, contributed talks: “*GA-NIFS introduction and statistics; NIRSpec IFU data processing; Dual AGN at $3 < z < 6$* ”, 16 – 18 Sep 2024
5. Views on the multi-phase interstellar medium in galaxies, Bologna, IT, contributed talk: “*Galaxy Assembly with JWST/NIRSpec IFS (GA-NIFS): the close environment of AGN at $z \sim 3 - 7$* ”, 9 – 13 Sep 2024
6. AGN populations across continents and cosmic time, Newcastle & Durham, UK, contributed talk: “*GA-NIFS project: a surprisingly high number of dual AGN at $z \sim 3$* ”, 8 – 12 July 2024
7. NIRSpec GTO meeting, Florence, IT, contributed talk: “*NIRSpec IFU data processing; (Dual) AGN at $3 < z < 6$* ”, 25 – 27 Sep 2023
8. NIRSpec GTO meeting, Cambridge, UK, contributed talk: “*NIRSpec IFU data processing and analysis updates; AGN at $3 < z < 6$* ”, 22 – 24 May 2023
9. VI Meeting of AGN Research in Spain, Granada, ES, contributed talk: “*The JWST/ NIRSpec Galaxy Assembly Survey: environment and spatially resolved outflows in two AGN at $z \sim 3.5$* ”, 30 Jan – 1 Feb 2023
10. NIRSpec GTO meeting, Madrid, ES, contributed talks: “*NIRSpec IFU data processing; The interacting environment of a dual AGN at $z \sim 3.3$* ”, 22 – 23 Nov 2022
11. JWST data reduction workshop NOVA, Leiden, NL: talks, trainer, and tutor of students, 31 Aug – 1 Sep 2022
12. IAU Symposium 373, Busan, Korea, contributed remote talk: “*The JWST/NIRSpec GTO programme “The Physics of Galaxy Assembly: IFS observations of high- z galaxies”*”, 9-11 Aug. 2022
13. European Astronomical Society Annual Meeting, Valencia, ES, contributed talk: “*Ionised gas disks in ULIRGs, associated velocity dispersion, and its dependence on starburstiness*”, 27 Jun – 1 July 2022
14. European Astronomical Society Annual Meeting, Valencia, ES, contributed K-poster: “*Outflows in low- z ULIRGs observed with MUSE, and in high- z AGN from mock IFS data*”, 27 Jun – 1 July 2022

15. Quasars and Galaxies through Cosmic Time, virtual, contributed poster: “*PUMA survey: a MUSE view of gas outflows and global kinematics in local ULIRGs*”, 26 Jan 2022
16. NIRSpec GTO meeting, Pisa, IT, contributed talk: “*IFS simulations and Data Processing for the NIRSpec GTO program*”, 16 – 18 Nov 2021
17. Spatially Resolved Spectroscopy with ELTs, virtual, contributed talk: “*Resolving AGN outflows at the cosmic noon with ELT/HARMONI*”, 20–24 Sep 2021
18. European Astronomical Society Annual Meeting, virtual, contributed K-poster: “*PUMA survey: a MUSE view of extreme gas kinematics in local ULIRGs*”, 28 June – 2 July 2021
19. European Astronomical Society Annual Meeting, virtual, contributed K-poster: “*MUSE view of Arp220: kpc-scale multi-phase outflow and evidence for positive feedback*”, 29 June – 3 July 2020
20. NIRSpec GTO meeting, Cambridge, UK, contributed talk: “*IFS simulations for the NIRSpec GTO program - galaxy disk kinematics at $z = 3$* ”, 22 – 24 June 2020
21. NIRSpec IST/GTO meeting, Heidelberg, GE, contributed talk: “*NIRSpec IFS simulations of galaxy disk kinematics at $z = 3$* ”, 15 Oct 2019
22. Active Galactic Nuclei 13 meeting, Milan, IT, contributed talk: “*The molecular gas content in obscured AGN at $z .1$* ”, 9 – 12 Oct. 2018
23. Challenges in galaxy evolution, Florence, IT, Contributed talk: “*An X-ray/SDSS AGN sample: neutral & ionised outflowing gas characterisation*”, 28 Aug –1 Sep 2017
24. The galaxy ecosystem, Garching, GE, Contributed talk: “*An X-ray/SDSS AGN sample: multiphase outflow incidence & and PLASMA properties*”, 24–28 July 2017
25. LBT0 2017 Users’ Meeting, Florence, IT, Contributed talk: “*Curved slit spectroscopic observations of gravitational arc-like structures*”, 20–23 June 2017
26. Quasars at all cosmic epochs, Padova, IT, Contributed talk: “*An X-ray/SDSS AGN sample: Multi-phase outflow incidence, dependence on AGN luminosity and plasma properties*”, 02 – 07 Apr. 2017
27. AGN12 - a multi-messenger perspective, Napoli, IT, Contributed talk: “*An X-ray/SDSS AGN sample: physical and demographic characterization of the outflow phase*”, 26–29 Sep 2016
28. Crossing the Rubicon. The fate of gas flows in galaxies, Santarcangelo di Romagna, IT, Contributed talk: “*An X-ray/SDSS AGN sample: physical and demographic characterization of the outflow phase*”, 5–8 Sep 2016
29. European Astronomical Society Annual Meeting, Athens, GR, contributed 3min-talk: “*An X-ray/SDSS AGN sample: outflowing gas electron temperature and density*”, 4–8 July 2016
30. Science with MOS: towards the E-ELT Era, Cefalù, IT, Contributed talk: “*Spatially resolved observations of ionized outflows in dust-obscured AGNs*”, 7–11 Sep 2015
31. Demographics and environment of AGN from multi-wavelength surveys, Chania, GR, Contributed talk: “*VLT/SINFONI observations of ionized outflows in dust-obscured AGNs*”, 21–24 Sep 2015
32. European Astronomical Society Annual Meeting, La Laguna, Tenerife, ES, Contributed talk: “*Powerful outflows in obscured QSOs revealed by VLT/SINFONI and XSHOOTER*”, 22–26 June 2015
33. Where Black Holes and Galaxies Meet, Trieste, IT, Contributed talk: “*Galaxy wide outflows in $z \sim 1.5$ luminous obscured QSOs revealed through NIR slit-resolved spectroscopy*”, 23–26 Sep 2014

34. Where Black Holes and Galaxies Meet, Trieste, IT, contributed poster: “*CIV and CIII] reverberation mapping of the luminous quasar PG 1247+267*”, 23–26 Sep 2014
35. Multiwavelength-surveys: Galaxy Formation and Evolution from the early Universe to today, Dubrovnik, HR, contributed poster: “*Evidences of large-scale outflows from X-shooter slit-resolved spectroscopy of two $z \sim 1.5$ obscured QSO in COSMOS*”, 12–16 May 2014
36. The restless nature of AGNs: variability as a probe of the central engine, Napoli, IT, contributed talk: “*Reverberation mapping of the high luminosity quasar PG 1247+267*”, 20–23 May 2013
37. The restless nature of AGNs: variability as a probe of the central engine, Napoli, IT, contributed poster: “*Cross-correlation lags from simultaneous XMM-newton X-ray and UV observations in the CDFS*”, 20–23 May 2013
38. 9th Serbian Conference on Spectral Line Shapes in Astrophysics, Banja Koviljaca, RS, Contributed talk: “*Reverberation mapping of the high luminosity quasar PG 1247+267*”, 13–17 May 2013
39. Active Galactic Nuclei 10 meeting, Rome, IT, Contributed talk: “*Reverberation Mapping of high luminosity quasars*”, 10–13 Sep 2012