

Production scientifique

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5.1 Publications dans des journaux à comité de lecture

89 dont 13 en premier auteur et avec mes étudiant(e)s en thèse (souligné). Les étudiants de Master 2 avec qui j'ai publiés sont indiqués en italique.

1. *Tranin, H.*, **Godet, O.**, Webb, N., *Primorac, D.*, “Probabilistic classification of X-ray sources applied to Swift-XRT and XMM-Newton catalogs”, 2022, A&A, 657, 138
2. Dacheng, L., **Godet, O.** et al., “Follow-up Observations of the Prolonged, Super-Eddington, Tidal Disruption Event Candidate 3XMM J150052.0+015452: the Slow Decline Continues”, 2022, ApJ, 924, 35
3. Gurpide, A., *M. Parra*, **Godet, O.** et al., “MUSE spectroscopy of the ULX NGC 1313 X-1: a shock-ionised bubble, an X-ray photoionised nebula, and two supernova remnants”, 2022, A&A, 666, 100
4. Gurpide, A., **Godet, O.** et al., “Discovery of a recurrent spectral evolutionary cycle in the ultra-luminous X-ray sources Holmberg II X-1 and NGC 5204 X-1”, 2021b, A&A, 654, 10
5. Gurpide, A., **Godet, O.** et al., “Long-term X-ray spectral evolution of Ultra-luminous X-ray sources: implications on the accretion flow geometry and the nature of the accretor”, 2021a, A&A, 649, 104
6. Arcier, B., Atteia, J.-L., **Godet, O.** et al., “Detection of short high-energy transients in the local universe with SVOM/ECLAIRS”, 2020, accepté par Astrophysics and Space Science, arXiv:2011.13293

7. Möller, A. **et al.**, “FINK, a new generation of broker for the LSST community”, 2021, *MNRAS*, 501, 3272
8. Lin, D., Strader, J., Romanowsky, A. J., Irwin, J. A., **Godet, O.** et al., “Multiwavelength Follow-up of the Hyperluminous Intermediate-mass Black Hole Candidate 3XMM J215022.4-055108”, 2020, *ApJL*, 892, 25
9. 5. Lacour, S. **et al.**, “SAGE: finding IMBH in the black hole desert”, 2019, *Classical and quantum gravity*, 36, 19
10. Mate, S., Bouchet, L., Atteia, J.-L., **et al.**, “Simulations of the SVOM/ECLAIRs dynamic background: a fast, accurate and general approach for wide-field hard X-ray instruments”, 2019, *Experimental Astronomy*, 48, 171
11. Lacombe, K., Dezalay, J.-P., Houret, B., **et al.**, “Spectral performance of ECLAIRs flight detectors on SVOM mission”, 2018, *Astroparticle Physics*, 103, 131
12. Bajat, A., **Godet, O.**, Atteia, J.-L., et al., “Characterizing the dead time of the ECLAIRs camera on board the mission SVOM”, 2018, *Experimental Astronomy*, 46, 337
13. Lin, D., Strader, J., Carrasco, E. R., et al., “A luminous X-ray outburst from an intermediate-mass black hole in an off-centre star cluster”, 2018a, *Nature Astronomy*, 2, 656
14. Lin, D., Strader, J., Carrasco, E. R., **Godet, O.**, et al., “Multiwavelength follow-up observations of the tidal disruption event candidate 2XMMi J184725.1-631724”, 2018b, *MNRAS*, 474, 3000
15. Atteia, J.-L., Dezalay, J.-P., **Godet, O.**, et al., “Comparing the birth rate of stellar black holes in binary black hole mergers and long gamma-ray bursts”, 2018, *A&A*, 610, A58
16. Koliopanos, F., Vasilopoulos, G., **Godet, O.**, et al., “ULX spectra revisited: Accreting, highly magnetized neutron stars as the engines of ultraluminous X-ray sources”, 2017, *A&A*, 608, A47
17. Bernardini, M. G., Xie, F., Sizun, P., **et al.**, “Scientific prospects for spectroscopy of the gamma-ray burst prompt emission with SVOM”, 2017, *Experimental Astronomy*, 44, 113
18. Lin, D., **Godet, O.**, Ho, L. C., et al., “Large decay of X-ray flux in 2XMM J123103.2+110648: evidence for a tidal disruption event”, 2017a, *MNRAS*, 468, 783
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21. Koliopanos, F., Ciambur, B. C., Graham, A. W., **et al.**, “Searching for intermediate-mass black holes in galaxies with low-luminosity AGN: a multiple-method approach”, 2017, *A&A*, 601, A20
22. Goosmann, R. W., Holczer, T., Mouchet, M., **et al.**, “The thermal instability of the warm absorber in NGC 3783”, 2016, *A&A*, 589, A76
23. Lin, D., Carrasco, E. R., Webb, N. A., **et al.**, “Discovery of the Candidate Off-nuclear Ultrasoft Hyper-luminous X-Ray Source 3XMM J141711.1+522541”, 2016, *ApJ*, 821, 25
24. Zolotukhin, I., Webb, N. A., **Godet, O.**, et al., “A Search for Hyperluminous X-Ray Sources in the XMM-Newton Source Catalog”, 2016, *ApJ*, 817, 88
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35. **Godet, O.**, *Plazolles, B.*, Kawaguchi, T., et al., “Investigating Slim Disk Solutions for HLX-1 in ESO 243-49”, 2012, *ApJ*, 752, 34
36. Farrell, S. A., Servillat, M., Pforr, J., Maccarone, T. J., Knigge, C., **Godet, O.** et al., “A Young Massive Stellar Population around the Intermediate-mass Black Hole ESO 243-49 HLX-1” 2012, *ApJL*, 747, L13
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5.2 Actes de conférences

85 actes de conférences dans des conférences nationales et internationales dont 16 en premier auteur ou avec étudiant en thèse (souligné).

1. **Godet, O.** et al., “3U Transat: a constellation of nano-satellites to survey the transient sky in hard X-rays”, 2022, Proceedings SF2A, Journées de la SF2A 2022 à Besançon
2. Webb, N. A. **et al.**, “Tidal disruption events and quasi periodic eruptions”, 2022, Conference Proceeding “BLACK HOLE ACCRETION UNDER THE X-RAY MICROSCOPE”, ESAC
3. **Godet, O.** et al., “On-ground calibration highlights for the SVOM/ECLAIRs camera”, 2022, Proceedings of the SPIE, 12181, 121815O
4. **Godet, O.** et al., 2019, Yamada Conference LXXI: Gamma-ray Bursts in the Gravitational Wave Era 2019
5. Vasilopoulos, G., Koliopanos, F., **Godet, O.**, Webb, N. A., Buchner, J., “ULX spectra revisited: observational evidence of accreting envelopes around magnetized Neutron stars”, 2019, American Astronomical Society, HEAD meeting 17, 112.96
6. Amoros C. **et al.**, “Status of technological development on ECLAIRs camera onboard the SVOM space mission”, 2018, Proceedings of the SPIE, 10699, 106995K
7. Bajat, A., **Godet, O.**, Atteia, J.-L., “Calibration of the spectral response of the SVOM/ECLAIRs detection plane”, 2018, Proceedings of the SPIE, 10699, 106995J
8. Triou H. E., Sauvageon A., Guillemot P., Gros A., **Godet O.**, Atteia J.-L., “Scientific and system performance analysis of the ECLAIRs instrument within the SVOM mission”, 2018, 42nd COSPAR Scientific Assembly. Held 14-22 July 2018, in Pasadena, California, USA, E1.17-36-18
9. Koliopanos, F. **et al.**, “Searching for intermediate-mass black holes in galaxies with low-luminosity AGN: a multiple-method approach”, 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari, 290

10. Koliopanos, F., Vasilopoulos, G., Bachetti, M., **Godet, O.**, Webb, N. A., Barret, D., “ULX spectra revisited: Are accreting, highly magnetized neutron stars the engines of ultraluminous X-ray sources?”, 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari, 115
11. Lin, D. **et al.**, “Super-Eddington Accreting Tidal Disruption Events”, 2017, American Astronomical Society, HEAD meeting 16, 109.05
12. Lin, D. **et al.**, “Hyper-luminous Wandering Massive Black Holes Discovered in the XMM-Newton Catalog”, 2017, American Astronomical Society, HEAD meeting 16, 100.05
13. Atteia, J.-L., **Godet, O.**, Guillemot, P., Lachaud, C., Schanne, S., “ECLAIRS: A Hard X-Ray Coded-Mask Imaging and Trigger Telescope Onboard SVOM”, 2016, Eighth Huntsville Gamma-Ray Burst Symposium, held 24-28 October, 2016 in Huntsville, Alabama. LPI Contribution No. 1962, 4007
14. Lacombe, K. **et al.**, “Development of a 32-detector CdTe matrix for the SVOM ECLAIRS x/gamma camera: tests results of first flight models”, 2016, Proceedings of the SPIE, 9905, 99050J
15. Webb, N. A. & **Godet, O.**, “Ultra Luminous X-ray Sources”, 2015, SF2A-2015: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics. Eds.: F. Martins, S. Boissier, V. Buat, L. Cambrésy, P. Petit, 45
16. Schanne, S., Cordier, B., Atteia, J. L., **Godet, O.**, Lachaud, C., Mercier, K., “The ECLAIRS GRB trigger telescope onboard the future SVOM mission”, 2014, Proceedings of Swift: 10 Years of Discovery (SWIFT 10), held 2-5 December 2014 at La Sapienza University, Rome, Italy, 107
17. Götz, D. **et al.**, “The Microchannel X-ray Telescope on board the SVOM satellite”, 2014, Proceedings of Swift: 10 Years of Discovery (SWIFT 10), held 2-5 December 2014 at La Sapienza University, Rome, Italy, 74
18. Cordier, B. **et al.**, “The SVOM gamma-ray burst mission”, 2014, Proceedings of Swift: 10 Years of Discovery (SWIFT 10), held 2-5 December 2014 at La Sapienza University, Rome, Italy, 5
19. Zolotukhin I., Webb N., **Godet O.**, Bachetti M., Barret D., “A search for hyperluminous X-ray sources in the XMM-Newton source catalog”, 2014, The X-ray Universe 2014, edited by Jan-Uwe Ness, 215
20. Lacombe K. **et al.**, “ECLAIRS detection plane: current state of development”, 2014, Proceedings of the SPIE, 9144, 914451

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22. **Godet, O.**, Nasser, G. et al., "The X-/Gamma-ray camera ECLAIRS for the gamma-ray burst mission SVOM", 2014, Proceedings of the SPIE, 9144, 914424
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24. Lin, D., Irwin, J., **Godet, O.**, Webb, N. A., Barret, D., "A 3.8 hour Periodicity from an Ultrasoft Active Galaxy", 2014, American Astronomical Society, AAS Meeting 223, 402.03
25. Farrell, S., Servillat, M., Webb, N. A., Barret, D., **Godet, O.**, "Probing the Origin of the Intermediate Mass Black Hole ESO 243-49 HLX-1", 2013, American Astronomical Society, HEAD meeting 13, 403.08
26. Webb, N. A. **et al.**, "The Intermediate Mass Black Hole Candidate ESO 243-49 HLX-1", 2013, SnowPAC 2013 - Black Hole Fingerprints: Dynamics, Disruptions and Demographics, 45
27. Webb, N. A. **et al.**, "The accretion disc, jets and environment of the intermediate mass black hole candidate ESO 243-49 HLX-1", 2012, SF2A-2012: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics, 631
28. **Godet, O.**, et al., "The Chinese-French SVOM Mission: studying the brightest astronomical explosions", 2012, Space Telescopes and Instrumentation 2012: Ultraviolet to Gamma Ray. Proceedings of the SPIE, 8443
29. Osten, R. A., **Godet, O.**, Drake, S. et al., "The Mouse that Roared: A SuperFlare from the dMe Flare Star EV Lac Detected by Swift and Konus-Wind", 16th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun. ASP Conference Series, 2011, ASPC, 448, 293
30. Servillat, M., Farrell, S., Lin, D., **Godet, O.**, Barret, D., Webb, N., "The spectral state transitions of ESO 243-49 HLX-1", 2011, The X-ray Universe 2011, Presentations of the Conference held in Berlin, Germany, 27-30 June 2011
31. Goosmann, R. **et al.**, "The hot and cold phases of the X-ray warm absorber in NGC 3783", 2011, The X-ray Universe 2011, Presentations of the Conference held in Berlin, Germany, 27-30 June 2011
32. Farrell, S., Barret, D., **Godet, O.**, Servilat, M., Webb, N., "Evidence for Intermediate Mass Black Holes: The Case of ESO 243-49 HLX-1", 2011, The X-ray Universe 2011, Presentations of the Conference held in Berlin, Germany, 27-30 June 2011

33. Barret, D. **et al.**, “The future Sino-French SVOM gamma-ray burst mission”, 2011, The X-ray Universe 2011, Presentations of the Conference held in Berlin, Germany, 27-30 June 2011
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35. Triou, H. **et al.**, “The scientific and technical drivers of ECLAIRS: the x- and gamma-ray telescope onboard the GRB mission SVOM”, 2010, Space Telescopes and Instrumentation 2010: Ultraviolet to Gamma Ray. Edited by Arnaud, Monique; Murray, Stephen S.; Takahashi, Tadayuki. Proceedings of the SPIE, 7732, 773225
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