

Publication List, Julia Stadler

- [1] T. Stolker, M. Samland, L.B.F.M. Waters, M.E. van den Ancker, W.O. Balmer, S. Lacour et al., *Direct imaging discovery of a young giant planet orbiting on Solar System scales*, [A&A **700** \(2025\) A21 \[2507.06206\]](#).
- [2] T.O. Winterhalder, J. Kammerer, S. Lacour, A. Mérand, M. Nowak, T. Stolker et al., *Orbit and atmosphere of HIP 99770 b through the eyes of VLTI/GRAVITY*, [A&A **700** \(2025\) A4 \[2507.00117\]](#).
- [3] GRAVITY collaboration, *Exploring the presence of a fifth force at the Galactic Center*, [Astron. Astrophys. **698** \(2025\) L15 \[2504.02908\]](#).
- [4] Gravity Collaboration, K. Abd El Dayem, R. Abuter, N. Aimar, P. Amaro Seoane, A. Amorim et al., *Improving constraints on the extended mass distribution in the Galactic center with stellar orbits*, [A&A **692** \(2024\) A242 \[2409.12261\]](#).
- [5] J. Stadler, F. Schmidt, M. Reinecke and M. Esposito, *Fast, Accurate and Perturbative Forward Modeling of Galaxy Clustering Part II: Redshift Space*, [2411.04513](#).
- [6] J. Stadler, F. Schmidt and M. Reinecke, *Fast, accurate and perturbative forward modeling of galaxy clustering. Part I. Galaxies in the restframe*, [JCAP **04** \(2025\) 089 \[2409.10937\]](#).
- [7] V. Eberle, M. Guardiani, M. Westerkamp, P. Frank, J. Rüstig, J. Stadler et al., *J-UBIK: The JAX-accelerated Universal Bayesian Imaging Kit*, [arXiv e-prints \(2024\) arXiv:2409.10381 \[2409.10381\]](#).
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- [11] N. Pourré, T.O. Winterhalder, J.B. Le Bouquin, S. Lacour, A. Bidot, M. Nowak et al., *High contrast at short separation with VLTI/GRAVITY: Bringing Gaia companions to light*, [A&A **686** \(2024\) A258 \[2406.04003\]](#).
- [12] Gravity Collaboration, R. Abuter, A. Amorim, M. Benisty, J.P. Berger, H. Bonnet et al., *Astrometric detection of a Neptune-mass candidate planet in the nearest M-dwarf binary system GJ65 with VLTI/GRAVITY*, [A&A **685** \(2024\) L9 \[2404.08746\]](#).
- [13] M. Westerkamp, V. Eberle, M. Guardiani, P. Frank, L. Scheel-Platz, P. Arras et al., *The first spatio-spectral Bayesian imaging of SN1006 in X-rays*, [A&A **684** \(2024\) A155 \[2308.09176\]](#).
- [14] A. Foschi, R. Abuter, N. Aimar, P. Amaro Seoane, A. Amorim, M. Bauböck et al., *Correction to: Using the motion of S2 to constrain scalar clouds around Sgr A**, [MNRAS **528** \(2024\) 3549 \[2312.02653\]](#).
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- [17] Gravity Collaboration, O. Straub, M. Bauböck, R. Abuter, N. Aimar, P. Amaro Seoane et al., *Where intermediate-mass black holes could hide in the Galactic Centre. A full parameter study with the S2 orbit*, [A&A **672** \(2023\) A63 \[2303.04067\]](#).

- [18] V. Eberle, P. Frank, J. Stadler, S. Streit and T. Enßlin, *Butterfly Transforms for Efficient Representation of Spatially Variant Point Spread Functions in Bayesian Imaging*, *Entropy* **25** (2023) 652.
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- [27] GRAVITY Collaboration, K. Perraut, L. Labadie, J. Bouvier, F. Ménard, L. Klarmann et al., *The GRAVITY young stellar object survey. VII. The inner dusty disks of T Tauri stars*, *A&A* **655** (2021) A73 [2109.11826].
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- [33] GRAVITY Collaboration, G. Rodríguez-Coira, T. Paumard, G. Perrin, F. Vincent, R. Abuter et al., *MOLsphere and pulsations of the Galactic Center’s red supergiant GCIRS 7 from VLTI/GRAVITY*, *A&A* **651** (2021) A37 [2105.09832].
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