Maciek Wielgus

Complete list of papers. Updated: November 2022

Journal papers

- 87. *Probing plasma composition with the next generation Event Horizon Telescope (ngEHT)*, Emami, R., Anantua, R., Ricarte, A., et al., submitted to Galaxies,
- 86. *Tracing hot spot motion using the next generation Event Horizon Telescope*, Emami, R., Tiede, P., Doeleman, S. S., Roelofs, F., **Wielgus, M.**, et al., submitted to Galaxies,
- 85. Event Horizon Telescope Image of the Quasar NRAO 530, Jorstad, S., Wielgus, M., Lico, R., Issaoun, S. + EHTC, submitted to ApJ,
- 84. *Unraveling Twisty Linear Polarization Morphologies in Black Hole Images*, Emami, R., Ricarte, A., Wong, G., + 26 authors, submitted to ApJ, arXiv:2210.01218,
- 83. *Spectra of Puffy Accretion Discs: the kynbb Fit*, Lancova, D., Yilmaz, A., **Wielgus, M.**, + 3 authors, submitted to Astronomische Nachrichten, arXiv:2209.03713,
- 82. *Collimation of the relativistic jet in the quasar 3C 273*, Okino, H., Akiyama, K., Asada, K., +32 authors, accepted in ApJ, arXiv:2112.12233,
- 81. *Polarimetric signatures of hot spots in black hole accretion flows*, Vos, J., Moscibrodzka, M., and **Wielgus, M.**, accepted in A&A, arXiv:2209.09931,
- 80. *Photon ring test of the Kerr hypothesis: variation in the ring shape*, Paugnat, H., Lupsasca, A., Vincent, F., and **Wielgus, M.**, accepted in A&A, arXiv:2206.02781,
- 79. *Images and photon ring signatures of thick disks around black holes*, Vincent, F., Gralla, S., Lupsasca, A., and **Wielgus, M.**, accepted in A&A, arXiv:2206.12066,
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- 71. *A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows*, Georgiev, B., Pesce, D., Broderick, A., Wong, G., Dhruv, V., **Wielgus, M.** + 263 authors, ApJL 930, L20 (2022),
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