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Professional Appointments

YCAA Prize Postdoctoral Fellow <i>at the Yale Center for Astronomy & Astrophysics (YCAA), Yale University</i>	09/2020 – present
BHI Postdoctoral Fellow <i>at the Black Hole Initiative (BHI), Harvard University</i>	09/2017 – 08//2020

Education

California Institute of Technology, Pasadena, USA <i>Ph.D. in Astrophysics, advisor: Prof. Fiona A. Harrison</i>	graduated 06/2017
University of Split, Split, Croatia <i>M.Sc. in Physics/Astrophysics, advisor: Prof. Vernesa Smolčić</i>	graduated 09/2010

Fellowships and Awards

Individual	
NASA Earth and Space Science Fellowship (NESSF; now FINESST) <i>3-year graduate school stipend, tuition, and travel funding</i>	2014–2017
International Fulbright Science and Technology Fellowship <i>3-year graduate school stipend, tuition, and travel funding</i>	2011–2014
Collaborative	
American Astronomical Society Bruno Rossi Prize <i>awarded to S. Doeleman and the EHT collaboration</i>	01/2020
Breakthrough Prize in Fundamental Physics <i>awarded to co-authors of papers announcing the first EHT collaboration results</i>	09/2019
National Science Foundation Diamond Prize <i>awarded to the EHT collaboration for capturing the first-ever image of a black hole</i>	05/2019
NASA Group Achievement Awards (4 in total) <i>awarded to members of the NuSTAR calibration and science teams</i>	2012 (2), 2014, 2016

Experience with Observations and Data

- hard X-ray: NuSTAR (~10 Ms), Swift/BAT
- optical: Palomar and Keck (~24 nights total)
- optical polarimetry: Skinakas (~7 nights)
- soft X-ray: Swift/XRT (~ 1 Ms), XMM, Chandra
- infrared: Palomar and Magellan (10 nights total)
- mm-wave radio: CARMA/OVRO (2 weeks), EHT

Expert Community Service

- reviewer for AAS Journals, MNRAS, PASP, NESSF/FINESST proposals
- observing proposal reviewer, panelist for Hubble, Chandra, NuSTAR, Keck, Palomar
- SOC member, session chair for the 3rd BHI Conference and the *Many Faces of Black Hole Accretion* symposium
- contributor to the NuSTAR Senior Review Proposal and four Decadal Survey 2020 white papers

Selected Publications

Publications listed below are separated into categories according to my level of contribution and sorted chronologically. My complete publication list, which can be found on [NASA ADS](#) and [my website](#), includes 111 refereed and published papers (excluding 2 errata) as of September 2021. The h-index for the complete list is 44, with > 8200 citations in total; 29 papers I significantly contributed to as one of the lead authors have > 850 citations and their h-index is 17. In the list of selected publication below, asterisks (*) mark students I directly worked with.

Refereed First-author Publications:

7. *Properties of the Obscuring Torus in NGC 1052 from Multi-epoch Broadband X-ray Spectroscopy*
Baloković, M., *Cabral, S.E., Brenneman, L., Urry, C.M. 2021, ApJ, 916, 90 ([ADS](#))
6. *NuSTAR Survey of Obscured Swift/BAT-selected AGN: II. Median High-energy Cutoff in Seyfert II Hard X-ray Spectra*
Baloković, M., Harrison, F.A., Madejski, G., et al. 2020, ApJ, 905, 41 ([ADS](#))
5. *New Spectral Model for Constraining Torus Covering Factors from Broadband X-ray Spectra of AGN*
Baloković, M., Brightman, M., Harrison, F.A., et al. 2018, ApJ, 854, 42 ([ADS](#))
4. *Multiwavelength Study of Quiescent States of Mrk 421 with Unprecedented Hard X-Ray Coverage Provided by NuSTAR in 2013*
Baloković, M., Paneque, D., Madejski, G., et al. 2016, ApJ, 819, 156 ([ADS](#))
3. *Coronal Properties of the Seyfert 1.9 Galaxy MCG -05-23-016 Determined from Hard X-ray Spectroscopy with NuSTAR*
Baloković, M., Matt, G., Harrison, F.A., et al. 2015, ApJ, 800, 62 ([ADS](#))
2. *The NuSTAR View of Nearby Compton-thick AGN: The Cases of NGC 424, NGC 1320 and IC 2560*
Baloković, M., Comastri, A., Harrison, F.A., et al. 2014, ApJ, 794, 111 ([ADS](#))
1. *Disclosing the Radio Loudness Dichotomy: An Unbiased Monte Carlo Approach Applied to the SDSS-FIRST Quasar Sample*
Baloković, M., Smolčić, V., Ivezić, Ž., Zamorani, G., Schinnerer, E., Kelly, B. 2012, ApJ, 759, 30 ([ADS](#))

Selected Refereed Publications with Significant Contributions:

10. *Broadband Multi-wavelength Properties of M 87 during the 2017 Event Horizon Telescope Campaign*
The EHT MWL Science Working Group (incl. **Baloković, M.**), et al. 2021, ApJ, 911, L11 ([ADS](#))
9. *An Unprecedented Global Communications Campaign for the Event Horizon Telescope First Black Hole Image*
Christensen, L., **Baloković, M.**, Chou, M.-Y., et al. 2019, CAPJ, 26, 11 ([ADS](#))
8. *Investigating the Covering Fraction Distribution of Swift/BAT AGN with X-ray and Infrared Observations*
Lanz, L., Hickox, R., **Baloković, M.**, et al. 2019, ApJ, 870, 26 ([ADS](#))
7. *An Iwasawa-Taniguchi Effect for Compton-thick Active Galactic Nuclei*
*Boorman, P., Gandhi, P., **Baloković, M.**, Brightman, M., Harrison, F.A., Ricci, C. 2018, MNRAS, 477, 3775 ([ADS](#))
6. *Coronal Properties of Swift/BAT-selected Seyfert 1 AGN Observed with NuSTAR*
*Kamraj, N., Harrison, F.A., **Baloković, M.**, Lohfink, A., Brightman, M. 2018, ApJ, 866, 124 ([ADS](#))
5. *Evidence for Relativistic Disk Reflection in the Seyfert 1h Galaxy IRAS 05189-2524 Observed by NuSTAR and XMM-Newton*
*Xu, Y., **Baloković, M.**, Walton, D.J., et al. 2017, ApJ, 837, 21 ([ADS](#))
4. *The Geometry of the Infrared and X-ray Obscurer in a Dusty Hyperluminous Quasar*
Farrah, D., **Baloković, M.**, Stern, D., et al. 2016, ApJ, 831, 76 ([ADS](#))
3. *NuSTAR Resolves the First Dual AGN above 10 keV in SWIFT J2028.5+2543*
Koss, M., *Glidden, A.R., **Baloković, M.**, et al. 2016, ApJ, 824, L4 ([ADS](#))
2. *NuSTAR Observations of Water Megamaser AGN*
*Masini, A., Comastri, A., **Baloković, M.**, et al. 2016, A&A, 589, 59 ([ADS](#))
1. *Determining the Covering Factor of Compton-thick Active Galactic Nuclei with NuSTAR*
Brightman, M., **Baloković, M.**, Stern, D., et al. 2015, ApJ, 805, 41 ([ADS](#))