CV - Lindita Hamolli

lindita.hamolli@fshn.edu.al
Faculty of Natural Sciences, Blvd. Zog I, Tirana (Albania)

https://www.linkedin.com/in/lindita-hamolli-13b20a139/#

Employment History

1997 – 2004	**Teacher.** High School, "Drini Cake", Foundation EDU-PRO, Pogradec.
2004 – 2010	**Lecturer.** Department of Natural Sciences, University "Fan.S.Noli", Korçë.
2010 – · · · ·	**Lecturer.** Department of Physics, University of Tirana, Tiranë.

Education

1992 – 1997	**University of Tirana, Faculty of Natural Sciences, 5-year Physics.**
2005 – 2008	**University of Tirana, Faculty of Natural Sciences, Theoretical Physics, Master of Second Level.**
2009 – 2013	**University of Tirana, Faculty of Natural Sciences, Third Level of Studies (Doctor).**

Research Publications

Journal Articles

1. **Hamolli, L.**, Hafizi, M., De Paolis, F., & Nucita, A. A. (2021a). Exploiting the irt-theseus capability to observe lensed quasars. *Galaxies*, *9*(2), 35. doi:10.3390/galaxies9020035
2. **Hamolli, L.**, Hafizi, M., De Paolis, F., & Nucita, A. A. (2021b). Gravitational microlensing constraints on primordial black holes by euclid. *Astrophysics and Space Science*, *366*(8), 1–11. doi:10.1007/s10509-021-03980-0
3. **Hamolli, L.**, Hafizi, M., De Paolis, F., & Nucita, A. (2019). Free-floating planets in the milky way. *Arabian Journal of Mathematics*, *8*(4), 305–313. doi:10.1007/s40065-019-0267-3
4. **Hamolli, L.**, Hafizi, M., De Paolis, F., & Nucita, A. A. (2018a). The astrometric signal of microlensing events caused by free floating planets. *Astrophysics and Space Science*, *363*(7), 1–8. doi:10.1007/s10509-018-3374-2
5. **Hamolli, L.**, De Paolis, F., Hafizi, M., & Nucita, A. (2017). Predictions on the detection of the free-floating planet population with k2 and spitzer microlensing campaigns. *Astrophysical Bulletin*, *72*(1), 73–80. doi:10.1134/S1990341317030099
6. **Hamolli, L.**, Hafizi, M., De Paolis, F., & Nucita, A. A. (2016). Investigating the free-floating planet mass by euclid observations. *Astrophysics and Space Science*, *361*(8), 1–5. doi:10.1007/s10509-016-2860-7
7. **Hamolli, L.**, Hafizi, M., De Paolis, F., & Nucita, A. A. (2015). Estimating finite source effects in microlensing events due to free-floating planets with the euclid survey. *Advances in Astronomy*, *2015*. doi:10.1155/2015/402303
8. **Hamolli, L.**, Hafizi, M., & Nucita, A. (2013). A theoretical calculation of microlensing signatures caused by free-floating planets towards the galactic bulge. *International Journal of Modern Physics D*, *22*(10), 1350072. doi:10.1142/S0218271813500727

9. **Hamolli, L.**, Hafizi, M., De Poalis, F., & Nucita, A. A. (2013). Paralax effects on microlensing events caused by free-floating planets. *Bulgarian Astronomical Journal*, *19*, 34. Retrieved from http://ui.adsabs.harvard.edu/abs/2013BlgAJ..19...34H/abstract

Conference Proceedings

1. **Hamolli, L.**, & Hafizi, M. (2019). Theseus and quasar microlensing. In *The multi-messenger astronomy: Gamma-ray bursts, search for electromagnetic counterparts to neutrino events and gravitational waves* (pp. 74–82). doi:10.26119/SAO.2019.1.35513
2. **Hamolli, L.**, Hafizi, M., De Paolis, F., & Nucita, A. A. (2018b). The investigation of the lens parameters by two observers. In *The fourteenth marcel grossmann meeting on recent developments in theoretical and experimental general relativity, astrophysics, and relativistic field theories: Proceedings of the mg14 meeting on general relativity, university of rome "la sapienza", italy, 12–18 july 2015* (pp. 3003–3004). World Scientific. doi:10.1142/9789813226609_0378
3. **Hamolli, L.**, & Hafizi, M. (2016). L2 point vs. geosynchronous orbit for parallax effect by simulations. In *Rta-csit* (pp. 121–125). Retrieved from http://ceur-ws.org/Vol-1746/paper-19.pdf
4. Hafizi, M., & **Hamolli, L.** (2015). Free-floating planets towards the euclid's field of view. In *The thirteenth marcel grossmann meeting: On recent developments in theoretical and experimental general relativity, astrophysics and relativistic field theories* (pp. 2079–2081). World Scientific. doi:10.1142/9789814623995_0361
5. Hafizi, M., & **Hamolli, L.** (2012). About microlensing optical depth and rates for free-floating planets towards the kepler's field of view. In *Journal of physics: Conference series* (Vol. 354, p. 012006). IOP Publishing. doi:10.1088/1742-6596/354/1/012006

Skills

Languages	English
Coding	C++

Miscellaneous Experience

Awards and Achievements

2021 **Awarding the academic title "Associate Professor".**

Certification

2014 **Participation in the Summer School 32nd IAU-NASL / Kavli "International School for Young Astronomers at BYURAKAN ASTROPHYSICAL OBSERVATORY", 378433, Byurakan, Aragatzotn Province, Republic of Armenia, from 12 September to 2 October 2010.**

2013 **Participation in Awareness Conference "Hot topics in Astroophysics" Bucharest, September 24-28, 2013, Astronomical Institute of the Romanian Academy.**

2019 **Monthly scientific visit to the National Institute of Nuclear Physics (INFN) Lecce Section in Italy.**