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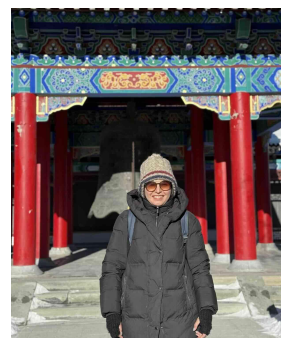
学历: 研究生

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现任职务: 无



主要研究内容: 从事射电天文学、相对论天体物理学等的研究。通过电磁辐射检验广义相对论, 并在真实数据获取前为平方公里阵列 (SKA) 开展模拟工作。

主持、参与科研项目:

1. 在研项目

天池英才引进计划青年博士计划, 2024.1-2026.12, 主持

2. 已完成项目

获奖情况: 无

代表性科研成果:

1. M. Ghasemi-Nodehi, Fatemeh S. Tabatabaei, Mark Sargent, Eric J. Murphy, Habib Khosroshahi, Rob Beswick, Anna Bonaldi, Eva Schinnerer, "Evolution of thermal and non-thermal radio continuum emission on kpc scales—Predictions for SKA", MNRAS, 2022, 515(1), 1158.

2. M. Ghasemi-Nodehi, Chandrachur Chakraborty, Qingjuan Yu, Youjun Lu, "Investigating the existence of gravitomagnetic monopole in M87*", Eur. Phys. J. C, 2021, 81(10), 939.

3. M. Ghasemi-Nodehi, Mustapha Azreg-Ainou, Kimet Jusufi, and Mubasher Jamil "Shadow, quasinormal modes and quasiperiodic oscillations of rotating Kaluza-Klein black holes", Phys.Rev.D, 2020, 102(10), 104032

4. M. Ghasemi-Nodehi, "Iron line reverberation mapping in Ghasemi-Nodehi-Bambi background", Eur. Phys. J. C, 2020, 80(6), 529.

5. M. Ghasemi-Nodehi, Youjun Lu, Ju Chen, and Chao Yang, "Testing Ghasemi-

Nodehi-Bambi metric parameters with quasi-periodic oscillations”, *Eur. Phys. J. C*, 2020, 80(6), 504.

6. M. Ghasemi-Nodehi, “Testing Ghasemi-Nodehi-Bambi spacetime with continuum- fitting method”, *Eur. Phys. J. C*, 2020, 80(5), 405.

7. M. Ghasemi-Nodehi, “Testing exterior spacetime of the neutron star via X-ray reflection spectroscopy”, *Phys. Rev. D*, 2018, 97(2), 024043.

8. M. Ghasemi-Nodehi and Cosimo Bambi, “Constraining the Kerr parameters via X-ray reflection spectroscopy”, *Phys. Rev. D*, 2016, 94(10), 104062.

9. M. Ghasemi-Nodehi and Cosimo Bambi, “Note on a new parametrization for testing the Kerr metric”, *Eur. Phys. J. C*, 2016, 76(5), 290.

10. 4. M. Ghasemi-Nodehi, Zilong Li and Cosimo Bambi, “Shadows of CPR black holes and tests of the Kerr metric”, *Eur. Phys. J. C*, 2015, 75(7), 315.