Curriculum Vitae

Name	**George Pappas**
Position	Associate Professor, Department of Physics, Aristotle University of Thessaloniki (AUTH)
Degrees	• PhD in Physics, Department of Physics, National and Kapodistrian University of Athens (NKUA) (2012) • MSc in Astrophysics, Department of Physics, NKUA (2005) • BSc in Physics, Department of Physics, NKUA (2001)
Previous positions and Experience	• Associate Professor, Department of Physics, AUTH, 2025-present • Assistant Professor, Department of Physics, AUTH, 2019-present • Post-Doctoral Researcher, Sapienza University of Rome, Italy, 2018-2019 • Research Fellow, University of Nottingham, UK, 2017-2018 • Post-Doctoral Researcher, IST, Lisboa, Portugal, 2016-2017 • Post-Doctoral Research Associate, University of Mississippi, Oxford MS, USA, 2015-2016 • Research Fellow, University of Nottingham, UK, 2014-2015 • Post-Doctoral Researcher, SISSA, Trieste, Italy, 2013 • Post-Doctoral Researcher, University of Tuebingen, Germany, 2012-2013 Member of the Governing Council of the Hellinic Society for Relativity, Gravitation and Cosmology, 2018-2022. IAU member.
Research	• 29 publications in refereed journals • 3 publications in conference proceedings • 1 chapter in a book • 3 participation in a conference organization • Referee for 15 international journals • Supervisor of 1 PhD, 6 MSc theses and 6 BSc theses. • External reviewer of 3 international and 6 Greek PhD Theses • Invited speaker in 7 international conferences • 1260 citations, h-index: 21 • 24 collaboration papers (5373 citations in total, h-index: 33) Research Topics: Theory of General Relativity, relativistic Astrophysics, black hole shadows, rotating relativistic stars and the spacetime around them, axisymmetric spacetimes and multipole moments, gravitational waves, modified theories of gravity.
Five most significant publications in the last 5 years	1. K. Kostaros, P. Papadopoulos, G. Pappas, "Fractal signatures of non-Kerr spacetimes in the shadow of light-ring bifurcations", Phys.Rev.D 110, 024001 (2024) 2. K. Glampedakis, G. Pappas, "Can supermassive black hole shadows test the Kerr metric?", K. Glampedakis, Phys.Rev.D 104, L081503 (2021) 3. Pappas, G., & Apostolatos, T.A., Effective universal behavior of rotating neutron stars in GR makes them even simpler than their Newtonian counterparts, Phys.Rev,Let., **108**, 121101 (2014) 4. Yagi, K., Kyutoku, K., Pappas, G., Yunes, N., Apostolatos, T.A., Effective no-Hair Relations for Neutron Stars and Quark stars: Relativistic Results, Phys.Rev.D, **89**, 124013 (2014) 5. Pappas, G., & Sotiriou, T.P., Multipole moments in scalar-tensor theory of gravity, Phys.Rev.D, **91**, 044011 (2015)