

Pablo Mira

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Born: May 30, 1977—Murcia, Spain

Nationality: Spanish

Education

- 2003 PHD in Mathematics, Universidad de Murcia (Advisors: Luis J. Alías, José A. Gálvez)
2000 DEGREE in Mathematics, Universidad de Murcia

Research area

Geometric Analysis

Positions held

- 2018-present Catedrático de Universidad (Full Professor), Universidad Politécnica de Cartagena
2008-2018 Profesor Titular de Universidad, Universidad Politécnica de Cartagena
2001-2008 Assistant Professor, Universidad Politécnica de Cartagena (different positions)
2001 PhD Grant, Universidad de Murcia

Honors and awards

- 2010 Invited speaker at ICM 2010, International Mathematical Union.
2009 Prize Joven Investigador Región de Murcia, Fundación Séneca.
2007 José Luis Rubio de Francia Prize, Spanish Royal Mathematical Society.
2003 Premio Extraordinario de Doctorado, University of Murcia.

Selected publications

See my webpage URL: <http://filemon.upct.es/~pmira> for a complete list of my publications.

- 2018 J.A. Gálvez, P. Mira, Uniqueness of immersed spheres in three-manifolds, *J. Diff. Geom.*, to appear.
2015 J.A. Gálvez, A. Jiménez, P. Mira, A classification of isolated singularities of elliptic Monge-Ampère equations in dimension two, *Comm. Pure Appl. Math.* **68** (2015), 2085–2107.
2013 J.A. Gálvez, L. Hauswirth, P. Mira, Surfaces of constant curvature in \mathbb{R}^3 with isolated singularities *Adv. Math.* **241** (2013) 103–126.
2013 B. Daniel, P. Mira, Existence and uniqueness of constant mean curvature spheres in Sol_3 ,

- J. Reine Angew. Math.* **685** (2013), 1–32.
- 2009 J.M. Espinar, J.A. Gálvez, P. Mira, Hypersurfaces in \mathbb{H}^{n+1} and conformally invariant equations: the generalized Christoffel and Nirenberg problems, *J. Eur. Math. Soc.* **11** (2009), 903–939.
- 2009 I. Fernández, P. Mira, Holomorphic quadratic differentials and the Bernstein problem in Heisenberg space *Trans. Amer. Math. Soc.* **361** (2009), 5737–5752.
- 2007 I. Fernández, P. Mira, Harmonic maps and constant mean curvature surfaces in $\mathbb{H}^2 \times \mathbb{R}$, *Amer. J. Math.* **129** (2007), 1145–1181.
- 2005 J.A. Gálvez, A. Martínez, P. Mira, The space of solutions to the Hessian one equation in the finitely punctured plane, *J. Math. Pures Appl.* **84** (2005), 1744–1757.

PhD Students

- 2012 María Amelia León-Guzmán (Universidad de Murcia).
- 2012 Asun Jiménez (Universidad de Granada).
- 2019 (exp.) Antonio Bueno (Universidad de Granada).

Current research projects and grants

- 2015-2018 Elliptic Partial Differential Equations: geometric and analytic properties (Universidad Politécnica de Cartagena). Main researcher. Funded by Fundación Séneca.
- 2016-2019 Surfaces and Geometric PDEs (Universidad de Granada). Funded by Ministerio de Economía y Competitividad.
- 2017-2019 Geometric Analysis Network. Funded by Ministerio de Economía y Competitividad.

Service to the mathematical community

- 2018 to now Expert Evaluator, Spanish State Agency of Research (AEI).
- 2015 to now Member of the Scientific Commission of the Spanish Royal Mathematical Society.
- 2014 to now Member of the Editorial Board of the Springer-RSME series.
- 2013 to now Member of the Executive Board of the Spanish Royal Mathematical Society.