

CURRICULUM VITAE

Name: Nikolaos Roidos

Address: Department of Mathematics
University of Patras
26504 Rio Patras
Greece

Tel: (+30) 261 0997814

e-mail: roidos@math.upatras.gr

Employment:

- 02.2024 - today: Associate professor, Department of Mathematics, University of Patras, Patras, Greece.
- 05.2019 - 01.2024: Assistant professor, Department of Mathematics, University of Patras, Patras, Greece.
- 04.2017 - 03.2019: Postdoctoral research position, Institut für Analysis, Leibniz Universität Hannover, Hannover, Germany. Funded by a research grant from Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) in the priority programme *Geometry at Infinity* (DFG - SPP 2026).
- 09.2010 - 01.2016: Postdoctoral position, Institut für Analysis, Leibniz Universität Hannover, Hannover, Germany. Member of the Graduiertenkolleg 1463, *Analysis, Geometry and String Theory*, Hannover, Germany.

Research interests:

- (AP) Linear and quasilinear parabolic problems on manifolds with singularities.
- (FA) Functional calculus for sectorial operators.
- (ST) Spectral theory and scattering theory of the Laplacian on manifolds with singularities.

Publications:

<https://sites.google.com/site/nikolaosroidos/list-of-publications>

Grants:

2023 - 2025: Research grant from Hellenic Foundation for Research and Innovation (HFRI). Grant No: 14758. Title of the project: *Geometric Evolution Equations and Isotopy Problems*. Principal investigators: Associate Prof. Nikolaos Roidos, Department of Mathematics, University of Patras, Greece and Associate Prof. Andreas Savas-Halilaj, Department of Mathematics, University of Ioannina, Greece.

2017 - 2019: Research grant from Deutsche Forschungsgemeinschaft in the priority programme *Geometry at Infinity* (DFG - SPP 2026). Grant No: SCHR 319/9-1. Title of the project: *Nonlinear Evolution Equations on Singular Manifolds*. Principal investigator: Prof. Dr. Elmar Schrohe.

Education:

10.2006 - 03.2010: PhD in Mathematics, Global Analysis and PDEs research group, School of Mathematics, University of Loughborough, Loughborough, UK. Supervisors: Dr. Eugénie Hunzicker, Prof. Dr. Alexander Strohmaier.

10.2004 - 09.2005: MSc in Mathematics, King's College London, London, UK.

02.2004 - 06.2004: Erasmus student, School of Physics and Astronomy - School of Mathematics, University of Leeds, Leeds, UK.

10.1999 - 06.2004: BSc in Physics, School of Physics, Aristotle University of Thessaloniki, Thessaloniki, Greece.