

Elefterios Soultanis

CV, November 23, 2023

Current Position

Sept 2023 – **Finnish Academy Fellow** University of Jyväskylä
Department of Mathematics and Statistics, FI-40014 Jyväskylä, Finland

Work Experience

Jan – Aug 2023 **Postdoctoral Research Fellow** University of Warwick

Jan 2021– Dec 2022 **Radboud Excellence Fellow** Radboud University

Oct 2018– Dec 2020 **Postdoctoral researcher** University of Fribourg

Sept 2017– Sept 2018 **Postdoctoral researcher** SISSA

Jan– Sept 2017 **Adjunct Professor** IMPAN

Education

June 2016 **PhD:** *Department of Mathematics and Statistics* University of Helsinki
Dissertation: **Quasiconformal and p -energy minimizing maps between metric spaces**

Nov 2010 **MSc:** *Department of Mathematics and Statistics* University of Helsinki
Thesis: **Hajłasz spaces and their reflexivity properties**

Mar 2009 **BSc:** *Department of Mathematics and Statistics* University of Helsinki
Thesis: **Lokaalisti kompaktien ryhmien vahvat toiminnat**

Awards

June 2022 **“Pluim” Teaching award by student council** Nijmegen
Teaching award at Radboud University

May 2017 **Distinction in the International Banach Prize** Warsaw
9th edition

Funding

- Sept 2023–**Finnish Academy Fellowship (grant no. 355122)** 682 653 €
Aug 2027 University of Jyväskylä
- Oct 2018–**Postdoc Pool Grant (Väisälä Foundation)** 44 000 €
Sept 2019 University of Fribourg

Positions of Trust

- 2018–**Referee**
J. Diff. Geom., Comm. Contemp. Anal., IMRN, J. Anal. Math., etc.
- Jan 2020 **Committee member** University of Fribourg
Departmental committee for professorship hiring
- Nov 2019 **Junior Leader** IMPAN
Semester: *Geometry and analysis in function and mapping theory on Euclidean and metric measure spaces*
- 2011-2013 **Organizer** University of Helsinki
Graduate student's mathematics seminar

Teaching

- 2022 **Lecturing full semester course** Radboud University
Sobolev spaces and PDE's
- 2020 **Teaching student's seminar courses** University of Fribourg
Fractal Geometry, Differential Topology
- 2019 **Lecturing minicourse** IMPAN
Metric currents and Polylipschitz forms
- 2012-2020 **Course assistant** Universities of Helsinki, Jyväskylä, and Fribourg
Basic and advanced courses

Selected talks

- June 2023 **Curve fragment-wise differentiation of Lipschitz functions on metric spaces** SNS Pisa
Conference *Geometry and Analysis of Groups and Manifolds*
- Nov 2022 **Filling minimality and volume rigidity of convex bodies** Fields Institute
Thematic program *Nonsmooth Riemannian and Lorentzian Geometry*
- Aug 2022 **Curvewise differentiable structure on metric measure spaces** University of Warwick
Workshop *Geometric measure theory and analysis on metric spaces*

- Oct 2021 **Curvewise differentiable structure on generic metric measure spaces** IMPAN
 Conference *In honour of Rajchman, Zygmund and Marcinkiewicz*
- Nov 2019 **Essential metrics and minimal discs in metric spaces** Bedlewo
 Pekka Koskela's 59th birthday conference
- Nov 2019 **Metric currents and polylipschitz forms** IMPAN
 Minicourse at semester *Geometry and analysis in function and mapping theory on Euclidean and metric measure spaces*
- July 2016 **Existence of energy minimizers in homotopy classes of Newtonian maps between metric spaces** Lake Como
 Conference *Geometric analysis on Riemannian and Singular Metric Measure Spaces*