
PERSONAL	Elefterios Soultanis Born in December 14 th 1986 in Athens	www.terisoultanis.com
CONTACT INFORMATION	Radboud University, IMAPP Heyendaalseweg 135 6525 AJ Nijmegen, The Netherlands.	elefterios.soultanis@gmail.com
CURRENT POSITION	Radboud Excellence Fellow at Radboud University	Jan 2021 – Dec 2022
PHD	Quasiconformal and p-energy minimizing maps between metric spaces Department of mathematics and statistics, University of Helsinki	June 2016
WORK EXPERIENCE	Postdoc University of Fribourg	Oct 2018 – Dec 2020 Fribourg, CH
	Postdoc SISSA	Sept 2017 – Sept 2018 Trieste, IT
	Postdoc IM PAN	Jan – Sept 2017 Warsaw, PL
	Postdoc University of Jyväskylä	Sept – Dec 2016 Jyväskylä, FI
	Doctoral student University of Helsinki	Jan 2011 – Apr 2016 Helsinki, FI
AWARDS	Distinction in the <i>International Banach Prize</i> (9 th edition)	May 2017
POSITIONS OF TRUST	Junior leader of the semester <i>Geometry and analysis in function and mapping theory on Euclidean and metric measure spaces</i> IM PAN	Nov 2019 Warsaw
	Co-organizing reading seminars Department of Mathematics	2019 – 2020 University of Fribourg
	Organizing the student seminar Department of mathematics and statistics	Sept 2011 – May 2013 University of Helsinki

Curvewise characterizations of minimal upper gradients and the construction of a Sobolev differential,

Sylvester Eriksson-Bique and Elefterios Soultanis,
<https://arxiv.org/abs/2102.08097>

Area minimizing surfaces in homotopy classes in metric spaces,

Elefterios Soultanis and Stefan Wenger,
<https://arxiv.org/abs/2012.15530>

Abstract and concrete tangent modules on Lipschitz differentiability spaces,

Toni Ikonen, Enrico Pasqualetto and Elefterios Soultanis,
<https://arxiv.org/abs/2011.15092> To appear in *Proceedings of AMS*

Asymptotically mean value harmonic functions in metric measure spaces,

Tomasz Adamowicz, Antoni Kijowski and Elefterios Soultanis,
<https://arxiv.org/abs/2005.13902>

Path and quasihomotopy for Sobolev maps between manifolds,

Elefterios Soultanis,
Journal of Functional Analysis 280 (8), Article 108935, 2021.

Maximal metric discs and the Sobolev-to-Lipschitz property,

Paul Creutz and Elefterios Soultanis,
Calculus of Variations and Functional Analysis 59, Article 177, 2020.

Infinitesimal Hilbertianity of locally $\text{CAT}(\kappa)$ -spaces,

Simone Di Marino, Nicola Gigli, Enrico Pasqualetto and Elefterios Soultanis,
Journal of Geometric Analysis, published online, 2020.

Differential of metric valued Sobolev maps,

Nicola Gigli, Enrico Pasqualetto and Elefterios Soultanis,
Journal of Functional Analysis 278 (9), Article 108403, 2020.

Metric currents and polylipschitz forms,

Pekka Pankka and Elefterios Soultanis,
Calculus of Variations and Partial Differential Equations 59, Article 76, 2020.

Pull-back of metric currents and homological boundedness of BLD-elliptic spaces,

Pekka Pankka and Elefterios Soultanis,
Analysis and Geometry in Metric Spaces 7 (1), 212–249, 2019.

Existence of p -energy minimizers in homotopy classes and lifts of Newtonian maps,

Elefterios Soultanis,
Journal d'Analyse Mathématique 137 (2), 469–505, 2019.

Homotopy classes of Newtonian spaces,

Elefterios Soultanis,
Rev. Mat. Iberoamericana 33 (3), 951–994, 2017.

Distortion of quasiconformal maps in terms of the quasihyperbolic metric,

Elefterios Soultanis and Marshall Williams,
J. Math. Anal. Appl. 402 (2), 626–634, 2013.

TALKS	Curvewise weak differentiable structure Analysis seminar (online)	May 2021 Trieste, IT
	Curvewise weak differentiable structure Geometry and functional analysis seminar (online)	Mar 2021 Helsinki, FI
	The homotopic Plateau–Douglas problem Geometric analysis seminar (online)	Feb 2021 Knoxville, US
	The homotopic Plateau–Douglas problem Analysis seminar (online)	Nov 2020 Fribourg, CH
	Essential metrics and minimal discs in metric spaces <i>Pekka Koskela's 59th birthday</i> conference	Nov 2019 Bedlewo, PL
	Polylipschitz forms, metric currents and BLD-maps Functional analysis seminar	20.9.2018 Helsinki, FI
	Existence of energy minimizers in homotopy classes of Newtonian maps between metric spaces <i>Geometric analysis on Riemannian and Singular Metric Measure Spaces</i> conference	June 2016 Lake Como, IT
	Existence of p-energy minimizers in homotopy classes of Newtonian maps between metric measure spaces <i>Geometric function theory meets geometric group theory</i> conference	Oct 2015 Warsaw, PL
	Lifts and the existence of p-energy minimizers in homotopy classes of Newtonian maps <i>Analysis and Geometry on Metric Spaces</i> research term	June 2015 Madrid, ES
	Homotopy classes of Newtonian spaces Analysis seminar	Sept 2014 Jyväskylä, FI
	Distortion of the quasihyperbolic metric under quasiconformal maps <i>Calculus of Variations and PDE's</i> ECM satellite conference	July 2012 Szczawnica, PL
TEACHING	Teaching student's seminar courses Fractal Geometry, Differential Topology	2020 University of Fribourg

Lecturing minicourse
Metric currents and polylipschitz forms

2019
IM PAN

Course assistant
Basic and advanced courses

2012–2020
University of Helsinki
University of Jyväskylä
University of Fribourg