

Stefano Ciaci

Curriculum Vitae

Institute of Mathematics and Statistics
University of Tartu
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INTERESTS AND KEY WORDS

Interests: Functional analysis, geometry of Banach spaces and set theory.

Key words: Octahedral norm, diameter two property, almost square space, ball-covering, renorming, convex combination of slices and Daugavet property.

PREPRINTS

S. Ciaci 2023
On the transfinite symmetric strong diameter two property

S. Ciaci 2022
Locally almost square Banach lattices

A. Avilés, S. Ciaci, J. Langemets, A. Lissitsin, A. Rueda Zoca 2022
Transfinite almost square Banach spaces
Studia Mathematica, in press

PUBLICATIONS

S. Ciaci, J. Langemets, A. Lissitsin 2022
A characterization of Banach spaces containing $\ell_1(\kappa)$ via ball-covering properties Vol. TBD, No. –
Israel Journal of Mathematics pp. 1–21

S. Ciaci, J. Langemets, A. Lissitsin 2022
Attaining strong diameter two property for infinite cardinals Vol. 513, No. 1
Journal of Mathematical Analysis and Applications 126185

EDUCATION

Ph.D. in Mathematics 2020–present
Institute of Mathematics and Statistics, University of Tartu Tartu, Estonia
Supervisor(s): Johann Langemets and Aleksei Lissitsin

Master in Mathematics 2017–2020
Institute of Mathematics Federico Enriques, University of Milano Milano, Italy
Thesis title: *Separated sets in the unit ball of non-separable Banach spaces of continuous functions*
Supervisor(s): Clemente Zanco

Bachelor in Mathematics 2014–2017
Institute of Mathematics and Applications, University of Milano Bicocca Milano, Italy
Thesis title: *Bifurcation theory*
Supervisor(s): Veronica Felli

TEACHING

Higher Mathematics 2021/2022–2022/2023
Teaching assistant Tartu, Estonia
Institute of Mathematics and Statistics, University of Tartu

CONFERENCES

IWOTA, 33rd international workshop on operator theory and its applications	06-10.09.2022
Institute of Mathematics, Jagiellonian University, University of Agriculture and AGH	Krakow, Poland
Title of the Talk: <i>Banach spaces that contain $c_0(\Gamma)$ or $\ell_1(\Gamma)$</i>	

Functional Analysis in Lille, a conference in honor of Gilles Godefroy	27.06-1.07.2022
Institute of Mathematics, University of Lille	Lille, France
Title of the Talk: <i>Transfinite octahedral and almost square Banach spaces</i>	

Workshop on Banach spaces and Banach lattices II	9-13.05.2022
Institute of mathematical sciences, Autonomous University of Madrid	Madrid, Spain
Title of the Talk: <i>Transfinite almost square Banach spaces</i>	

49th Winter school in abstract analysis	08-15.01.2022
Faculty of Mathematics and Physics, Charles University	Prague, Czech Republic
Title of the Talk: <i>Attaining strong diameter two property for infinite cardinals</i>	

Banach afternoons	09.04.2021
Institute of Mathematics and Physics, Catholic University of the Sacred Heart	Milano, Italy
Title of the Talk: <i>A characterization of Banach spaces containing $\ell_1(\kappa)$ via ball-covering properties</i>	

LANGUAGES

Italian: native speaker

English: IELTS academic 7.0, CEFR level C1 (2020)

Estonian: Elementary speaker

WEBSITES

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ORCID: <https://orcid.org/0000-0002-1500-8123>

Google scholar: <https://scholar.google.com/citations?user=soygXFQAAAAJ>

Researchgate: <https://www.researchgate.net/profile/Stefano-Ciaci>