

# CURRICULUM VITAE

## Lyubomyr Zdomskyy

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### Personal Data

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Born: June 1983.

Married, 4 children.

### Main areas of research

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Logic (set theory), general topology, functional analysis.

### Education

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Habilitation in Mathematics. Thesis: *Combinatorics of the generalized continuum and large cardinals*. University of Vienna. 05.2013

Ph.D. in Mathematics. Thesis: *Local and Combinatorial Properties of Topological Groups*. Adviser: Prof. Taras Banakh, Ivan Franko National University of Lviv. 15.02.2007

Master's degree in Mathematics. Thesis: *Games on multicovered spaces and their applications in topological algebra*. Adviser: Prof. Taras Banakh, Ivan Franko National University of Lviv. 06.2003

### Professional Experience

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Senior Post-Doc at the TU Vienna

(Funded by the FWF project I 5930)

Host: Prof. Martin Goldstern.

08.2022 – current

Senior Post-Doc at the University of Vienna

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<sup>0</sup>Date of CV: 10.09.2022

(Funded by the FWF projects I 2374 and I 3709)	01.2019 – 07.2022
Senior Post-Doc at the TU Vienna (Funded by the FWF project I 2374)	
Host: Prof. Martin Goldstern.	10.2017 – 12.2018
(Senior) Post-Doc at the University of Vienna (Funded by various FWF projects as well as APART Fellowship of the Austrian Academy of Sciences).	
Host: Prof. Sy David Friedman.	01.2008 – 09.2017
Post-Doctoral Fellow at the Faculty of Mathematics, The Weizmann Institute of Science, Rehovot, Israel.	
Host: Dr. Boaz Tsaban and Prof. Gideon Schechtman.	11.2006 – 11.2007
Scientific Researcher at the Chair of Geometry and Topology, Ivan Franko National University of Lviv, Ukraine.	11.2006 – 12.2007
Assistant at the Chair of Geometry and Topology, Ivan Franko National University of Lviv, Ukraine.	09.2004 – 06.2006

### Third-party funded projects

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International project of the Austrian Science Fund (FWF) entitled “*Set-theoretic aspects of topological selections*”. This project has a Polish partner project with the same title and funded by the NCN

Project duration: 1.08.2022-28.02.2026.

International project of the Austrian Science Fund (FWF) entitled “*Forcing, fusion and combinatorics of open covers*”. This project has a Slovenian partner project with the same title and funded by the ARRS

Project duration: 1.01.2019-31.07.2022.

International project of the Austrian Science Fund (FWF) entitled “*Logic and Topology in Banach spaces*”. This project has a Czech partner project with the same title and funded by the GAČR.

Project duration: 1.11.2016-31.10.2020.

International project of the Austrian Science Fund (FWF) entitled “*General topology and set-theoretic methods*”. This project had a Slovenian partner project with the same title funded by the ARRS.

Project duration: *1.10.2013-30.09.2017.*

APART (Austrian Programme for Advanced Research and Technology) of the Austrian Academy of Sciences entitled “*Applications of set theory in topological algebra*”.

Project duration: *1.03.2013-31.04.2016.*

Lise Meitner Project of the Austrian Science Fund (FWF) entitled “*Combinatorics of generalized continuum and large cardinals*”.

Project duration: *1.01.2011-28.02.2013.*

UNESCO/Israel Co-Sponsored Fellowship for Post-Doctoral Studies in Science and Technology.

Project duration: *1.12.2006-4.11.2007.*