

About me and my postdoctoral grant

Academic and professional career

- ▶ 2014 - 2019: PhD studies in the US
- ▶ 2019 - 2020: Postdoctoral position in the UK
- ▶ 2020 - 2023: Lecturer and “docents” ($\approx$ reader, assistant professor) in Latvia (RTU RBS)
- ▶ 2023 - 2024: Data analysis and data science at Printful

Current LZP postdoctoral grant

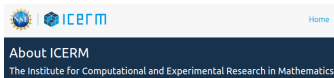
- ▶ 23.09.2024: Submitted proposal through RTU Informācijas tehnoloģijas institūts
- ▶ 06.10.2024: Submitted proposal through LU Klīniskās un profilaktiskās medicīnas institūts
- ▶ 08.01.2025: Conditional decision (“Lēmums ar nosacījumu”)
- ▶ 06.02.2025: Unconditional decision
- ▶ 10.03.2025: Project starts
- ▶ 09.03.2028: Project ends

Formally:

- ▶ EU (80%) and LV (20%) provide money, LZP administers money, LU divides up money
- ▶ You write and sign the proposal, LU signs and submits the proposal
- ▶ LZP+LU sign a contract to realize the project, you+LU sign a fixed-term position contract

My research project and what my work looks like

- ▶ **Title:** Efficient topological signatures for representation learning in medical imaging
- ▶ **Keywords:** Topological data analysis, topological algorithms, ML, medical imaging
 - ▶ Mathematics → Algebraic topology → Topological data analysis
 - ▶ Medicine → Medical technologies → Diagnostic imaging



30 % math + 20 % coding + 20 % travelling + 10% planning + 10% administration

- ▶ Days that I work on something directly related to project: **70%**
- ▶ Days that I work on something indirectly related / unrelated to project: **70%**

Dos and donts

Do:

- ▶ Stay on top of things and look after yourself - very few other people will do it for you
- ▶ Build community - travel and meet people that share your research interests

Do, with care and consideration:

- ▶ Ask questions - most people are helpful. Some view you as a threat.
- ▶ Develop your own interests, even if they diverge from your project

Don't:

- ▶ Put in a separate work package for publicity
- ▶ Ignore the fine print (regular reports) or unpleasant administration (changes, replanning, failures)