



Europass Curriculum Vitae

Personal information

Surname / First name

Address

Personal Email

Nationality

Date of birth

Gender

Website

Denis Nardin

Fakultät für Mathematik
Universität Regensburg
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Italian

March 28, 1988

Male

<https://homepages.uni-regensburg.de/~nad22969/>



Education

June 2017

Massachusetts Institute of Technology (Cambridge, MA, USA). PhD
Mathematics. Thesis Advisor: Clark Barwick

May 2013

Scuola Normale Superiore di Pisa (Pisa, PI, Italy). Diploma di Licenza

July 2012

Università di Pisa (Pisa, PI, Italy). Laurea Magistrale in Matematica

June 2010

Università di Pisa (Pisa, PI, Italy). Laurea Triennale in Matematica

Papers in progress

Parametrized higher category theory and higher algebra: Exposé VI – Parametrized algebra. In progress (with C. Barwick, E. Dotto, S. Glasman and J. Shah).

Parametrized higher category theory and higher algebra: Exposé VII – Presentable parametrized categories and norms. In progress.

Real algebraic K-theory for stable ∞ -categories. In progress (with B. Calmes, E. Dotto, F. Heberstreit, M. Land, K. Moi, T. Nikolaus, W. Steimle and Y. Harpaz)

Publications and prepublications

2016

Categorifying rationalization (with C. Barwick, S. Glasman, M. Hoyois, and J. Shah). *Forum of Mathematics*, Volume 7, 2019 , e42 arXiv:1619.07162.

2016

Parametrized higher category theory and higher algebra: Exposé IV – Stability with respect to an orbital ∞ -category. Preprint arXiv:1608.03657

2016

Parametrized higher category theory and higher algebra: Exposé I – Elements of parametrized higher category theory (with C. Barwick, E. Dotto, S. Glasman, and J. Shah). Preprint arXiv:1608.03657

- 2016 **Parametrized higher category theory and higher algebra: A general introduction** (with C. Barwick, E. Dotto, S. Glasman, and J. Shah). Preprint arXiv:1608.03654
- 2014 **Dualizing cartesian and cocartesian fibrations** (with C. Barwick and S. Glasman). *Theory and Applications of Categories* Vol. 33, 2018, No. 4, pp 67-94 arXiv:1409.2165

Teaching

- Spring 2017 Linear algebra (18.06, recitations and course administrator)
- Fall 2016 Linear algebra (18.06, recitations and course administrator)
- Spring 2016 Differential equations (18.03, recitations)
- Fall 2015 Multivariable calculus (18.02, recitations)

Languages

Mother tongue
Self-assessment
European level^(*)

English

French

German

Italian

| Understanding | | Speaking | | Writing |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| Listening | Reading | Spoken interaction | Spoken production | |
| C2 Proficient user | C2 Proficient user | C2 Proficient user | C2 Proficient user | C2 Proficient user |
| C1 Proficient user | C2 Proficient user | C1 Proficient user | C1 Proficient user | B2 Independent user |
| B1 Independent user | B1 Independent user | B1 Independent user | B1 Independent user | B1 Independent user |

^(*) Common European Framework of Reference (CEF) level