

Stanislav Nagy

Curriculum Vitae, October 2022

Personal details

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Family name:	Nagy	First name:	Stanislav
Nationality:	Slovak	ORCID:	0000-0002-8610-4227
Web:	www.karlin.mff.cuni.cz/~nagy gems.karlin.mff.cuni.cz	Scopus:	56519313700
		ResearcherID:	D-9116-2017
Date of birth:	1st of December, 1987	Ph.D. defence:	19th of December, 2016

Qualifications and work experience

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Research and teaching positions

- 2017 – present **Charles University**, Prague, Czech Republic
Assistant Professor, Dept. of Probability and Math. Statistics
Supervised post-doctoral fellows/master students/bachelor students: 1/5/8
Teaching activities: Linear Regression (2017 – 2022)
(courses co-taught) Modern Statistical Methods (2017 – present)
Mathematical Statistics I and II (2017 – present)
Advanced Statistics Seminar (2020 – present)
Probability and Statistics (2017 – 2020)
- 2013 – 2017 **Research Foundation – Flanders**, Belgium
Ph.D. fellow, KU Leuven, Department of Mathematics
Including a postdoctoral stay of 9 months in January – September 2017

Education history

- 2013 – 2016 **Ph.D. in Mathematics (double degree), KU Leuven**, Belgium
Faculty of Science; Ph.D. supervisor Prof. Irène Gijbels
- 2011 – 2016 **Ph.D. in Probability and Mathematical Statistics (double degree)**
Charles University, Prague, Czech Rep.
Faculty of Mathematics and Physics; Ph.D. supervisor Prof. Daniel Hlubinka
- 2009 – 2011 **Mgr. in Probability, Math. Statistics and Econometrics** (summa cum laude)
Faculty of Mathematics and Physics, Charles University, Prague, Czech Rep.
- 2006 – 2009 **Bc. in Mathematics** (summa cum laude)
Faculty of Mathematics and Physics, Charles University, Prague, Czech Rep.

Selected research visits (at least one week long only)

- 2021 **Universität Bonn**, Germany (4 months)
Trimester program — Hausdorff Research Institute for Mathematics (HIM)
The Interplay between High-Dimensional Geometry and Probability
Research stay supported by a full HIM fellowship (12 000 €).
- 2019 **Case Western Reserve University**, Dept. of Mathematics, Cleveland, US
Research stay — *Floating bodies and lift zonoids* (with E. M. Werner, 3 weeks)
- 2018 **Goethe-Universität Frankfurt am Main**, Germany
Special course — *Floating bodies and affine invariants* (1 week)
- 2017 **Université Toulouse – Jean Jaurès**, France (2 months)
Research stay — *Analysis of high-dimensional data* (with F. Ferraty)
Supported by a Research Foundation - Flanders travel grant (V429617N, 3 000 €)
- 2016 **Mathematisches Forschungsinstitut Oberwolfach**, Germany
Oberwolfach Workshop: *New Developments in Functional and Highly Multivariate Statistical Methodology* (1 week)
- 2016 **Université Toulouse – Toulouse Mathematics Institute**, France (4 months)
Research stay — *Functional data analysis* (with F. Ferraty)
Supported by a Research Foundation - Flanders travel grant (V410616N, 7 000 €)
- 2012 **Mathematisches Forschungsinstitut Oberwolfach**, Germany
Oberwolfach Seminar: *Statistics for High-Dimensional Data* (1 week)

2022	Nomination for GAČR president's award in Physical Sciences (GAČR 19-16097Y)	
2022	ERS IASC Young Researcher Award, COMPSTAT international conference, Italy	
2022	Prize of the <i>Czech Mathematical Society</i>	
2021 – 2022	French-Czech mobility grant <i>Programme Barrande</i> (Principal Investigator)	(6 000 €)
2020	<i>Bernard Bolzano prize in Mathematics</i>	
2018, 2021	<i>Progres Q49 prize for best scientific papers in Mathematics</i> (awarded twice)	
2019 – 2021	Czech Science Foundation research grant GAČR 19-16097Y <i>Geometric Methods in Statistics</i> (Principal Investigator)	(120 000 €)
2018 – 2021	Charles University research grant PRIMUS/17/SCI/03 <i>Advanced Geometric Methods in Statistics</i> (Principal Investigator)	(350 000 €)
2018 – 2020	Czech Science Foundation research grant GAČR 18-00522Y — Collaborator	
2018	Goethe-Universität Frankfurt am Main travel grant	
2016, 2017	COST Action IC1408 trainee travel grant (awarded twice)	
2015	Best student talk, PROBASTAT international conference, Slovakia	
2013 – 2017	Research Foundation - Flanders Ph.D. fellowship — Aspirant	(140 000 €)
2013	Best student poster, ICORS international conference, Russia	
2012, 2016	Oberwolfach OWLG travel grant (awarded twice)	
2011	RSJ Investments prize for the best master thesis in probability and statistics	
2010, 2012	Best student talk, ROBUST workshop, Czech Rep. (awarded twice)	

2022	Université Libre de Bruxelles, Belgium (statistics seminar, planned)
2022	Stat of ML, Prague, Czechia (planned)
2022	COMPSTAT Conference on Computational Statistics, Bologna, Italy
2022	Intl. Symposium on Nonparametric Statistics, Paphos, Cyprus
2022	Les 53èmes Journées de Statistique, Lyon, France
2022	Conference of Czech Mathematicians, Ostrava, Czechia
2021	CMStatistics 2021, London, UK
2021	New Bridges between Mathematics and Data Science, Valladolid, Spain
2021	Stochastics Seminar, Heidelberg/Mannheim, Germany
2021	4EU+ Summer School Modern Probability and its Applications , Warsaw, Poland
2021	CLADAG Meeting of the Classification and Data Analysis Group, Florence, Italy
2021	Intl. Workshop on Functional and Operatorial Statistics , Brno, Czechia
2021	Imperial College London, UK (statistics seminar)
2021	High dimensional measures: Geometric and probabilistic aspects, Bonn, Germany
2021	Universidad Carlos III de Madrid, Spain (statistics seminar)
2020	ENSAE Paris, France (mathematics seminar)
2019	Aalto University, Helsinki, Finland (mathematics seminar)
2019	CLADAG Meeting of the Classification and Data Analysis Group, Cassino, Italy
2019	III Intl. Workshop on Advances in Functional Data Analysis, Castro Urdiales, Spain
2019	CRoNoS Workshop on Multivariate Data Analysis, Limassol, Cyprus
2018	ERCIM Conference on Computational and Methodological Statistics, Pisa, Italy
2018	CRoNoS Workshop on Functional Data Analysis, Iași, Romania
2018	Czech Technical University, Prague, Czech Republic (mathematics seminar)
2018	Workshop on Data Analysis, Kunčice, Czech Republic
2018	Humboldt-Universität zu Berlin, Germany (mathematical statistics seminar)
2018	Workshop on Statistical Depths and Functional Data Analysis, Helsinki, Finland
2018	Masaryk University, Brno, Czech Republic (applied mathematics seminar)
2018	Matej Bel University, Banská Bystrica, Slovakia (mathematics seminar)
2018	Workshop on statistical depths and functional data analysis, Aalto University, Helsinki, Finland
2017	ERCIM Conference on Computational and Methodological Statistics, London, UK
2017	Conference of Slovak Mathematicians , Jasná pod Chopkom, Slovakia
2017	Charles University, Prague, Czech Republic (Noon seminar, Department of Applied Mathematics)
2016	CRoNoS Workshop on Functional Data Analysis, Oviedo, Spain
2016	Charles University, Prague, Czech Republic (statistics seminar)
2016	Workshop on Functional Data Analysis, Les Diablerets, Switzerland
2016	Comenius University, Bratislava, Slovakia (mathematics seminar)
2016	Université Toulouse, France (statistics seminar, Toulouse Mathematics Institute)
2016	Universität Mannheim, Germany (statistics seminar)

- 2016 Spring School *Structural Inference*, Brodten, Germany
2016 Oberwolfach Workshop *New Developments in Functional and Highly Multivariate Statistical Methodology*, Oberwolfach, Germany
2014 COMPSTAT Conference on Computational Statistics, Geneva, Switzerland

Other professional service

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- **Peer reviewer** for most of the major journals in statistics (75 reviews for 31 journals since 2014)
- **Organiser** of invited sessions at international conferences (CRoNoS 2018 and 2019)
- **(Co)-Editor** of three books of conference proceedings (IWSM 2012 vols. I and II, EYSM 2015)
- **Supervisor** of theses awarded by the Josef Štěpán prize for best bachelor theses of the *Department of Probability and Math. Statistics of CU*
 - Říha, A. (2019). Halfspace median. *Charles University*. 27 pp.
 - Hendrych, F. (2020). Zonoids of measures and applications. *Charles University*. 51 pp.
 - Ranošová, H. (2021). Spherically symmetric measures. *Charles University*. 45 pp.
 - Bočínek, F. (2022). Anderson's theorem. *Charles University*. 42 pp.

Supervision of theses awarded by the RSJ prize for best master theses of the *Department of Probability and Math. Statistics of CU*

- Brabenec, T. (2021). Depth of variance matrices. *Charles University*. 83 pp. First prize.
- Říha, A. (2021). Symmetry of random vectors. *Charles University*. 58 pp. Third prize.