

# Stanislav Nagy

Curriculum Vitae, February 2018

## Personal Details

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Full name:	Mgr. Stanislav Nagy, Ph.D.		
Date of Birth:	1st of December, 1987		
Place of Birth:	Žiar nad Hronom, Slovakia	Citizenship:	Slovak
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## Qualifications and Working Experience

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II

### Education History

2013 - 2016	<b>Ph.D. in Mathematics (double degree)</b> Faculty of Science, KU Leuven, Belgium
2011 - 2016	<b>Ph.D. in Probability and Mathematical Statistics (double degree)</b> Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic
2009 - 2011	<b>Mgr. in Probability, Mathematical Statistics and Econometrics</b> Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic
2006 - 2009	<b>Bc. in Mathematics</b> Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic

### Employment History

2017 - present	<b>Charles University</b> , Czech Republic. (Research assistant, Dept. of Probability and Math. Statistics)
2013 - 2017	<b>Research Foundation – Flanders</b> , Belgium. (Ph.D. fellow, KU Leuven, Department of Mathematics)
2011 - 2013	<b>Charles University in Prague</b> , Czech Republic. (Research and teaching assistant)

### Research Visits

2017	<b>University of Toulouse</b> , France. (Research stay at the Toulouse Mathematics Institute, 2 months)
2016	<b>University of Toulouse</b> , France. (Research stay at the Toulouse Mathematics Institute, 4 months)

## Research Communication & Details

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III

### Research Keywords

nonparametric and robust statistical methods, multivariate statistics, data depth;  
probability and statistics in functional and Banach spaces;  
nonparametric regression, smoothing methods;  
convex geometry and approximation theory;

### Invited Talks and Contributions

CRoNoS Workshop on Functional Data Analysis, Iași, Romania;  
(invited talk, 2018, planned)

Czech Technical University, Prague, Czech Republic;  
 (mathematics seminar, 2018, planned)  
 Aalto University, Helsinki, Finland;  
 (Workshop on statistical depths and functional data analysis, 2018)  
 ERCIM Conference on Computational and Methodological Statistics, London, UK;  
 (invited talk, 2017)  
 Conference of Slovak Mathematicians, Jasná pod Chopkom, Slovakia;  
 (plenary talk, 2017)  
 Charles University, Prague, Czech Republic;  
 (Noon seminar, Department of Applied Mathematics, 2017)  
 Comenius University, Bratislava, Slovakia;  
 (mathematics seminar, Department of Applied Mathematics and Statistics, 2016)  
 Charles University, Prague, Czech Republic;  
 (statistics seminar, Dept. of Probability and Math. Stat., 2012, 2016)  
 CRoNoS Workshop on Functional Data Analysis, Oviedo, Spain;  
 (invited talk, 2016)  
 KU Leuven, Belgium;  
 (doctoral seminar, Department of Mathematics, 2014, 2016)  
 Workshop on Functional Data Analysis, Les Diablerets, Switzerland;  
 (invited contribution, 2016)  
 University of Toulouse, France;  
 (statistics seminar, Toulouse Mathematics Institute, 2016)  
 University of Mannheim, Germany;  
 (statistics seminar, Department of Economics, 2016)  
 Spring School “Structural Inference”, Brodten, Germany;  
 (invited contribution, 2016)  
 Oberwolfach Workshop “New Developments in Functional and Highly Multivariate  
 Statistical Methodology”, Oberwolfach, Germany;  
 (invited talk, 2016)  
 COMPSTAT Conference on Computational Statistics, Geneva, Switzerland;  
 (invited talk, 2014)

#### Selection of Contributed Talks

IWFOS 2017 and 2014, ERCIM 2015, PROBASTAT 2015,  
 EMS 2017, 2015 and 2013, ISNPS 2014 and 2012, ICORS 2013, MME 2013, IWSM 2012,  
 Oberwolfach Seminar: Statistics for High-Dimensional Data 2012,  
 Tartu Conference on Multivariate Statistics 2011,  
 COMPSTAT 2012 and 2010, ROBUST 2018, 2016, 2014, 2012 and 2010.

#### Grants and Selected Prizes

2018 – 2020	PRIMUS/17/SCI/03: Advanced Geometric Methods in Statistics (Principal Investigator)
2017	Research Foundation - Flanders travel grant (V429617N)
2016	COST Action IC1408 trainee travel grant
2016	Oberwolfach OWLG travel grant
2016	Research Foundation - Flanders travel grant (V410616N)
2015	Best student talk, PROBASTAT international conference, Slovakia
2013 – 2017	Research Foundation - Flanders Ph.D. fellowship — Aspirant
2013	Best student poster, ICORS international conference, Russia
2012	Best student talk, ROBUST workshop, Czech Rep.
2011	RSJ Investments prize for the best masters thesis
2011	2nd prize, SVOČ competition, Czech Rep.
2010	Best student talk, ROBUST workshop, Czech Rep.

#### Refereeing Papers & Manuscripts

Annals of Statistics; Applications of Mathematics; Biometrika; Computational Statistics and  
 Data Analysis; Journal of the American Statistical Association; Journal of Computational and  
 Graphical Statistics; Journal of Multivariate Analysis; Statistics and Computing;  
 Statistics & Probability Letters; various conference proceedings;

## Programming Skills

Programming: C++, Fortran, Borland Pascal;  
Others: L<sup>A</sup>T<sub>E</sub>X, Mathematica, R;

## Language Skills

English - fluent (spoken and written)  
German - fair (spoken and written)  
Russian - fair (spoken and written)  
French - basic  
Czech - fair  
Slovak - mother tongue

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References

**Irène Gijbels** `irene.gijbels@kuleuven.be`  
Full Professor, Department of Mathematics  
KU Leuven, Belgium

**Frédéric Ferraty** `ferraty@math.univ-toulouse.fr`  
Full Professor, Toulouse Mathematics Institute  
University of Toulouse, France

**Daniel Hlubinka** `hlubinka@karlin.mff.cuni.cz`  
Associate Professor, Department of Probability and Mathematical Statistics  
Charles University, Prague, Czech Republic