

March, 2013

## Curriculum Vitae Sara Anna van de Geer

### Education

- 1982: Master in Mathematics at the University of Leiden.
- 1987: Ph.D. in Mathematics at the University of Leiden.

### Current position

- 2005-: Full Professor at the Department of Mathematics, ETH Zürich.
- 2013-: President-Elect of the Bernoulli Society.

### Professional experience

- 1999-2005: Full Professor at the University of Leiden.
- 1997-1999: Associate Professor at Université Paul Sabatier, Toulouse.
- 1990-1997: Assistant Professor at the University of Leiden.
- 1989-1990: Assistant Professor at the University of Utrecht.
- 1988-1989: Scientific Researcher, Centre for Math. and Comp. Sci, A'dam.
- 1987-1988: Assistant Professor at the University of Bristol.
- 1983-1987: Scientific Researcher, Centre for Math. and Comp. Sci, A'dam.
- 1982-1983: Scientific Researcher at the University of Tilburg.

### Recent committees

- Member of the Research Council of the Swiss National Science Foundation, Division II (2007- ...)
- Member Selection Committee Spinoza Award (2013-...)
- Member of the Scientific Board of the Weierstrass-Institut für Angewandte Analyse und Stochastik (2010-2013)
- Member of the Scientific Advisory Board, Fakultät für Wirtschaftswissenschaften Universität Wien (2007-2011)

### Elected memberships/honors

- Member of Leopoldina, Deutsche Akademie der Naturforscher
- Correspondent of the Dutch Royal Academy of Sciences
- Elected Fellow of the Institute of Mathematical Statistics
- Elected Member of the International Statistical Institute
- International Statistical Institute Award

### Current Membership Editorial Boards

- Associate Editor of Probability Theory and Related Fields, 2010 - ...
- Associate Editor of the Scandinavian Journal of Statistics, 2010 - ...
- Bernoulli Soc. Executive Co-Editor of Statistical Surveys, 2010 - ...
- Associate Editor of Journal of Statistical Planning and Inference, 2011 - ...

### Recent organization of conferences and workshops

- Member Program Committee IMS ASC Joint Meeting, Sydney, 2014
- Core Member Scientific Committee for Section 13 of the International Congress of Mathematicians, 2014

- Co-organizer SAMSI Program LDHD, 2013-2014

### **Invitations for conferences and workshops (selection)**

- May 2014: invited speaker at the Abel Symposium 2014.
- September 2013: plenary speaker Statistische Woche, Berlin.
- July 2013: opening lecturer at the 29th European Meeting of Statisticians.
- June 2013: plenary speaker at the German-Polish Joint Conference on Probability Theory and Mathematical Statistics.
- April 2011: plenary speaker at the 47<sup>th</sup> Dutch Mathematical Congress, Twente.
- August 2011: plenary speaker at the ISI satellite meeting “Dynamic Statistical Models”, Copenhagen.
- August 2010: invited speaker at the International Congress of Mathematicians, Hyderabad.

### **PhD courses (selection)**

- Course ”High-dimensional Statistics” Laboratory of Structural Methods of Data Analysis in Predictive Modeling, Moscow Institute of Physics and Technology. 2013
- Oberwolfach Course “Statistics for high-dimensional data”, 2012 (joint with P. Bühlmann)
- CREST-GENES Cours de Formation par la Recherche 2010-2011: “Uniform probability inequalities, with applications in high-dimensional statistical models”, Paris
- Course: “Statistics for high-dimensional data”. FOR 916 meeting, Bern, September 2009 (joint with P. Bühlmann)

### **Supervision Ph.D.’s.**

- E.A. Muro (2012 - ...)
- P. Müller (2010 - ...)
- J. Lederer (PhD 2012, now Fellowship at UC Berkeley, and Assistant Visiting Prof. Cornell Univ.)
- C. Mitchell (PhD 2010, now position in Ukraine)
- B. Tarigan (PhD 2008, now Research Associate, MIS, ETH Zürich)
- J.J. Goeman (PhD 2006, now Associate Prof. MSBI, Leiden University)
- L. Mohammadi (PhD 2004, now Postdoc EMC, Rotterdam)
- J.M. Loubes (PhD 2000, now Prof. des Universités, Univ. Paul Sabatier, Toulouse)
- M. Wegkamp (PhD 1996, now Full Prof. Cornell Univ.)

### **Postdoc’s**

- S. Zhou (2008-2010, now Assistant Prof. Univ. Michigan)
- M. Hebiri (2009-2011, now Maître de Conf., Univ. Paris-Est Marne-la-Vallée)
- M. Chichignoud (current)