CURRICULUM VITAE

Jan Sprenger

June 12, 2017

CONTACT INFORMATION

Tilburg Center for Logic, Ethics and Philosophy of Science (TiLPS) Department of Philosophy School of Humanities Tilburg University

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Personal Details

Gender: Male Date of Birth: 26 November 1982 Citizenship: German Place of Birth: Köln, Germany

CURRENT POSITIONS

2014- Full Professor (Philosophy of Science), Department of

Philosophy, Tilburg University.

2014– Scientific Director, Tilburg Center for Logic, Ethics and

Philosophy of Science (TiLPS), Tilburg University.

Past Positions

2008–2013 Assistant Professor, Department of Philosophy, Tilburg

University and TiLPS Resident Fellow.

Areas of Research

Specialization: (General) Philosophy of Science, Philosophy of Statistics

Competence: (Social) Epistemology, Decision Theory, Logic, Philosophy

of Language

Approach: Combination of conceptual, formal and empirical meth-

ods ("scientific philosophy")

My research in philosophy of science is mainly motivated from an epistemological perspective. Topics I work on right now include hypothesis testing and statistical inference, causal reasoning, and scientific objectivity.

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EDI	IJC A	TIO	N

07/2008	PhD (Dr. phil.) in philosophy, University of Bonn, <i>summa</i> cum laude. Supervisor: Professor Andreas Bartels.
2005–2008	Graduate studies in philosophy at the University of Bonn, Germany, including stays at the London School of Eco- nomics and Tilburg University.
05/2005	Graduation in mathematics <i>mit Auszeichnung</i> at the University of Bonn. Degree: Diploma.
2003–2005	Continuation of studies in mathematics (major), computer science and philosophy (minors) at the University of Bonn.
2002–2003	Military Service in the <i>Sportfördergruppe</i> (training group for excellent athletes, section chess) of the <i>Bundeswehr</i> (Federal Armed Forces).
1999–2002	Studies in mathematics, computer science and philosophy at the University of Bonn.
1999	Abitur at the Gymnasium Liebfrauenschule, Köln.

Awards and Distinctions

2015–2020	Starting Investigator Grant by the European Research Council (ERC).
2014–2015	Vidi Scholarship by the Netherlands Organisation for Scientific Research (NWO). Five-year grant returned in favor of ERC grant listed above.
2010–2013	Veni Scholarship by the Netherlands Organisation for Scientific Research (NWO).
2006–2008	Postgraduate Research Scholarship of the <i>Cusanus Foundation</i> .
2000–2005	Scholarship by the Cusanus Foundation (Cusanuswerk).
2000–2001	Scholarship of the <i>German National Merit Foundation</i> (Studienstiftung des Deutschen Volkes). Returned in favor of the scholarship of the Cusanus Foundation.

VISITING FELLOWSHIPS

02-04/2017	Visiting Researcher at the <i>Centre for the Foundations of Science</i> , Sydney University.
01/2015	Visiting Researcher at the <i>Center for Formal Epistemology</i> , Carnegie Mellon University.
02-04/2011	Visiting Researcher at the <i>Australian Centre of Excellence</i> for Risk Analysis (ACERA), University of Melbourne.
10–12/2010	Visiting Fellow at the <i>Centre for the Philosophy of Natural</i> and <i>Social Sciences</i> , London School of Economics.
09–11/2007	Visiting Fellow at the <i>Tilburg Center for Logic and Philosophy of Science</i> , Tilburg University.
01-03/2007	Visiting Fellow at the <i>Centre for the Philosophy of Natural</i> and <i>Social Sciences</i> , London School of Economics.

Funding for Major Research Projects

- 1. Starting Investigator Grant by the European Research Council (ERC) on the project. "Making Scientific Inferences More Objective", 2015–2020. Includes a postdoc (Dr. Felipe Romero) and two PhD positions (Michal Sikorski, Noah van Dongen). Volume: 1,500,000€.
- 2. Postdoctoral Researcher (Dr. Naftali Weinberger) on explanatory and causal reasoning in the second phase of the DFG Priority Programm "New Frameworks of Rationality" (as co-applicant, main applicant: Dr. Matteo Colombo). 2015–2017. Volume: 209,000€.
- 3. Vidi grant by the Netherlands Organisation for Scientific Research (NWO) on the project "Making Scientific Inferences More Objective", 2014–2019 (returned in 2015 in favor of ERC grant). Volume: 800,000€.
- 4. Postdoctoral Researcher (Dr. Jun Lai) in the Netherlands Organisation for Scientific Research (NWO) program "Sustainable Humanities" for the project "Explaining Language: Philosophical Perspectives on E-Humanities", acquired in an internal concours of Tilburg University. 2013–2016. Volume: 224,000 €.
- 5. Postdoctoral Researcher (Dr. Matteo Colombo) in the interdisciplinary Priority Program "New Frameworks of Rationality" of the German Research Foundation (DFG). 2012–2015. Volume: 218,000€.
- 6. Veni grant by the Netherlands Organisation for Scientific Research (NWO) on the project "An Objective Guide for Public Policy? Scope and Limits of Data-Driven Methods in Statistical Model Evaluation". 2010–2013. Volume: 250,000 €.

Total Volume: 3,201,000 €.

Conference Funding

1. Koninklijke Nederlandse Akademie van Wetenschappen (KNAW): 3,000€ for the 8th Munich-Sydney-Tilburg Conference "Objectivity in Science", Tilburg, 10-12 June 2015.

- 2. Koninklijke Nederlandse Akademie van Wetenschappen (KNAW): 3,600€ for the 4th René Descartes Lectures, Tilburg, 20-22 October 2014.
- 3. Freiburg Institute for Advanced Studies (FRIAS): 8,000 € for the Workshop "Operationalization 2013", Freiburg, 14-17 October 2013.
- 4. German Research Foundation (DFG): 2,000 € for the Workshop "Operationalization 2013", Freiburg, 14-17 October 2013.
- 5. German Research Foundation (DFG): 3,000 € for the workshop "Operationalizing Epistemic Concepts", Aachen, 10–13 September 2012.
- 6. Koninklijke Nederlandse Akademie van Wetenschappen (KNAW): 5,500 € for the conference "The Progress of Science", Tilburg, 25–27 April 2012.
- 7. Koninklijke Nederlandse Akademie van Wetenschappen (KNAW): 5,500 € for the René Descartes Lectures, Tilburg, 6–8 October 2010.
- 8. Koninklijke Nederlandse Akademie van Wetenschappen (KNAW): 3,000 € for the workshop "Formal Modeling in Social Epistemology", Tilburg, 9–10 October 2008.
- 9. Gesellschaft für Analytische Philosophie (GAP): 750€ for the workshop "Formal Modeling in Social Epistemology", Tilburg, 9–10 October 2008.

Total Volume: 34,350 €.

KEYNOTES AT WORKSHOPS AND CONFERENCES

- Inferentialism, Bayesianism and Scientific Explanation, München, 01/2017.
 - "Conditionals and Causality".
- Chance Encounter, Groningen, 06/2016.
 - "Conditional Degree of Belief."
- Conference Non-Causal Explanations in the Science, München, 10/2014.
 - "The Probabilistic No Miracles Argument."
- PHILOGICA III: Colombian Congress for Logic, Epistemology and Philosophy of Science, Bogotá, 02/2014.

- "Corroboration and Evidential Support."
- Second Reasoning Club Conference, Pisa, 06/2013.
 - "From Popper to Bayes (and back again)".
- Conference "Epistemic groups and collaborative research in science", Nancy, 12/2012.
 - "The No Alternatives Argument".
- Workshop on Explanatory Power, Ruhr-Universität Bochum, Bochum, 05/2012.
 - "Probabilistic Explications of Explanatory Power".

OTHER TALKS AND RESEARCH PRESENTATIONS

For a complete list of talks and presentations, please visit my homepage at www.laeuferpaar.de/talks.html. In total, I have given over 100 (invited and/or peer-reviewed) presentations in an academic context, i.e., conferences, workshops, meetings of research networks, or departmental colloquia. I will restrict myself to some highlights at prestigious conferences:

- Biennal Meeting of the Philosophy of Science Association (2008, 2010, 2012, 2016)
- Biennal Meeting of the European Philosophy of Science Association (2007, 2009, 2011, 2013, 2015)
- Formal Epistemology Workshop (2007, 2010, 2012, 2016)
- Annual Meeting of the Cognitive Science Society (2014, 2015, 2016)

In a couple of cases in the above list, the papers were given by co-authors when I was unable to attend physically.

PhD Student Supervision

I supervise(d) six PhD students as main supervisor:

1. **Noah van Dongen** (2016–2020), supervised jointly with Dr. Felipe Romero. Part of the ERC Starting Investigator Grant "Making Scientific Inferences More Objective".

Title Bayesian Reasoning and Scientific Objectivity

2. **Michal Sikorski** (2015–2019), supervised jointly with Dr. Naftali Weinberger. Part of the ERC Starting Investigator Grant "Making Scientific Inferences More Objective".

Title A Unified Theory of Conditional and Causal Reasoning.

3. Colin Elliot (2014–2018).

Title The Subjective Interpretation of Probability.

4. **Silvia Ivani** (2013–2017), jointly with Prof. Dr. Alan Thomas and Dr. Matteo Colombo.

Title The Role of Values in the Evolutionary Sciences.

5. Lasha Abzianidze (2012–2017), jointly with Dr. Reinhard Muskens.

Title Proof Theory for Natural Language.

Placement Postdoctoral Researcher, University of Groningen.

6. **Dominik Klein** (2010–2014), jointly with Prof. Dr. Stephan Hartmann, LMU Munich, and Dr. Eric Pacuit, U/Maryland at College Park.

Title Social Interaction: A Formal Exploration.

Placement Joint appointment as postdoctoral researcher at the University of Bamberg (political science) and University of Bayreuth (philosophy), 2015–.

In three cases, I acted as a co-supervisor:

1. **Chiara Lisciandra** (2009–2013), jointly with Prof. Dr. Stephan Hartmann.

Title The Emergence of Norms in Society: A Philosophical Investigation.

Placement Postdoctoral Researcher, TINT Helsinki (2013–15), Assistant Professor, RU Groningen (2015–)

2. **Cecilia Nardini** (2009–2013). External supervisor (main supervisor: Prof. Dr. Giovanni Boniolo, Milan).¹

Title Statistics in Clinical Trials: Out of Condition

Placement Decided to leave academia in spite of possibilities of continuing her career.

3. Niki Pfeifer (2010–2012), jointly with Prof. Dr. Stephan Hartmann.²

Topic Natural Formal Epistemology of Uncertain Reasoning. **Placement** Assistant Professor, LMU Munich (2012–).

In addition, I did a lot of research together with TiLPS PhD student Carlo Martini (2008–2011), resulting in several joint papers. Finally, I have served on the exam committee of TiLPS PhD students Kristina Liefke (2009–2013) and Soroush Rafiee Rad (2010–2014), and I have supervised the research of a substantial number of Visiting Fellows during their stay at TiLPS.

Postdoc Supervision

1. **Dr. Felipe Romero** (2016–2019).

Project Title Is the Scientific Method Self-Corrective?

PhD Washington University, Philosophy, Neuroscience & Psychology, 2016. Supervisor: Prof. Dr. Carl Craver.

Description Subproject on statistical reasoning in my ERC project "Making Scientific Inference More Objective" (Starting Investigator Grant, 2015–2020)

2. **Dr. Naftali Weinberger** (2015–2017).

Project Title Bridging Explanatory and Causal Reasoning (as coapplicant, main applicant: Dr. Matteo Colombo)

PhD University of Wisconsin at Madison, Philosophy, 2016. Supervisors: Prof. Dr. Daniel Hausman and Prof. Dr. Elliot Sober.

Description This project is funded by the DFG Priority Program #1516 "New Frameworks of Rationality". It is the successor project of No. 5 below.

¹Dr. Nardini completed her PhD with at the IFOM-IEO campus at the University of Milan.

²Dr. Pfeifer was an external PhD student based at the LMU Munich.

3. **Dr. Thomas Boyer-Kassem** (2015–2017).

- **Title** Collective decisions: how to aggregate risk assessment and risk acceptability?
- **PhD** IHPST Paris, Philosophy of Science, 2011. Supervisors: Prof. Dr. Anouk Barberousse and Prof. Dr. Jacques Dubucs.
- **Description** This research project is funded by the AXA Research Fund, which assigns two-year postdoctoral fellowships to scholars who study diverse aspects of risk analysis.

4. Dr. Jun Lai (2013–2016)

Title Explaining Language: Philosophical Perspectives on E-Humanities

PhD Leiden University, Psycholinguistics, 2013. Supervisor: Prof. Dr. Niels Schiller.

Description This project at the borderline of philosophy and psycholinguistics studies how the learning of complex grammatical structures (e.g., recursive sentences) can be facilitated. It is conducted together with a professor from computational linguistics.

5. **Dr. Matteo Colombo** (2012–2015)

- **Topic** Explanatory Reasoning: Normative and Empirical Considerations. (as co-applicant, main applicant: Prof. Dr. Stephan Hartmann)
- **PhD** Edinburgh University, Philosophy, 2012. Supervisors: Prof. Dr. Andy Clark and Prof. Dr. Peggy Seriès.
- **Description** DFG Priority Program #1516 "New Frameworks of Rationality" (joint application with Stephan Hartmann). After completing this project, Dr. Colombo was offered a permanent position in my department and he is now one of those people who actively help me in running the center and in supervising PhD students and other postdocs.

6. **Dr. Rogier De Langhe** (2011–2013)

Topic Combining Computational and Kuhnian Models of Scientific Progress.

PhD Ghent University, 2010.

Description Rubicon Fellowship funded by the NWO (Dutch Science Organization).

Conference Organization

09/2016	5th René Descartes Lectures "Science, Values and Democracy" (with Silvia Ivani), featuring Heather Douglas, Tilburg University. Funded by the European Research Council (ERC).
05/2016	Conference "Philosophy of Science in the Forest" (PSF2016, with F.A. Muller and Marcel Boumans). Tri-annual conference of the Dutch Society for Philosophy of Science (NVWF).
05/2016	Workshop on the Precautionary Principle (with Thomas Boyer-Kassem), Tilburg University. Funded by the AXA Research Fund.
04/2016	9th Munich-Sydney-Tilburg Conference "Evidence, Inference and Risk" (with Mark Colyvan, Paul Griffiths, Stephan Hartmann and Barbara Osimani), LMU Munich. Funded by the Alexander von Humboldt Foundation and the European Research Council (ERC).
06/2015	8th Munich-Sydney-Tilburg Conference "Objectivity in Science" (with Mark Colyvan, Paul Griffiths, Stephan Hartmann, Matteo Colombo, and Raoul Gervais), TiLPS, Tilburg.
10/2014	4th René Descartes Lectures "Rational Belief. Stability, Reasoning and Action.", featuring Hannes Leitgeb (with Dominik Klein), Tilburg University.
10/2013	Workshop "Operationalizing Epistemic Concepts II" (with Vincenzo Crupi, Marco Ragni and Henrik Singmann), in the DFG Priority Program "New Frameworks of Rationality". Freiburg/Germany. Funded by the DFG and FRIAS.
04/2013	6th Munich-Sydney-Tilburg Conference "Models and Decisions" (with Mark Colyvan, Paul Griffiths, Stephan Hartmann, Kärin Nickelsen, Roland Poellinger and Olivier Roy), LMU Munich. Funded by the Alexander von Humboldt Foundation.

11/2012	3rd René Descartes Lectures "Social Progress", featuring Cristina Bicchieri (with Dominik Klein and Rogier De Langhe), Tilburg University.
09/2012	Workshop "Operationalizing Epistemic Concepts" (with Vincenzo Crupi and Henrik Singmann), in the DFG Priority Program "New Frameworks of Rationality". Aachen/Germany.
04/2012	5th Sydney-Tilburg conference "The Progress of Science" (with Mark Colyvan, Paul Griffiths and Stephan Hartmann), Tilburg University.
12/2011	Statistics and Scientific Method I: The Controversy about Hypothesis Testing (with David Teira), UNED Madrid.
04/2011	4th Sydney-Tilburg conference "The Authority of Science" (with Mark Colyvan, Paul Griffiths and Stephan Hartmann), Sydney University.
10/2010	2nd René Descartes Lectures, featuring Ian Hacking, and Workshop "Proof: Calculation, Intuition and A Priori Knowledge" (with Stephan Hartmann), Tilburg University.
10/2010	Third Bochum-Lausanne-Tilburg Graduate School on the Philosophy of Language, Mind and Science (conjoined with the Descartes Lectures), Tilburg University. Coorganized with Michael Esfeld, Stephan Hartmann, and Albert Newen. Funded by the German Academic Exchange Service (DAAD).
10/2010	Workshop "Objectivity and the Practice of Science" (with Filip Buekens), Tilburg University.
04/2010	3rd Sydney-Tilburg conference "The Future of Philosophy of Science" (with Mark Colyvan, Paul Griffiths and Stephan Hartmann), Tilburg University.
04/2010	Workshop "Scientific Philosophy: Past and Future" (with Stephan Hartmann and Hannes Leitgeb), Tilburg Univer- sity.
03/2009	2nd Sydney-Tilburg conference "Evidence, Science and Public Policy" (with Mark Colyvan, Stephan Hartmann and James Justus), University of Sydney.
11/2008	Graduate School "The Philosophy of Psychology", jointly at Ruhr-Universität Bochum and Tilburg University (with

	Anika Fiebich, Stephan Hartmann and Albert Newen). Funded by the German Academic Exchange Service (DAAD).
10/2008	"London-Paris-Tilburg Workshop in Philosophy of Science" (with Stephan Hartmann and Carlo Martini), Tilburg University.
10/2008	"Formal Modeling in Social Epistemology" (with Stephan Hartmann and Carlo Martini), Tilburg University.

PROGRAM COMMITTEE MEMBERSHIPS

2016	<i>PSA16</i> . Biennal Meeting of the Philosophy of Science Association, Atalanta.
2016	<i>GWP2016</i> . Tri-annual meeting of the Gesellschaft für Wissenschaftsphilosophie, Düsseldorf.
2015	<i>EPSA15</i> . Biennal Meeting of the European Philosophy of Science Association, Düsseldorf.
2015	<i>CLMPS15</i> . World Congress on Logic, Methodology and Philosophy of Science, Helsinki. Section Head of Formal Philosophy of Science.
2011	Conference The Collective Dimension of Science, Nancy.

Conferences where I was both among the organizers and the Program Committee members are not included in this list.

Collaboration in Research Networks

2016–	Flemish-Dutch Research Network funded by the Flemish Science Organization (FWO) under the direction of Erik Weber, Ghent University.
2015–2018	Leverhulme Trust grant for a research network in formal epistemology, led by Richard Pettigrew (University of Bristol). Collaborators: Carnegie Mellon University, University of Lund, LMU Munich, TiLPS. Volume: 40.000 €.

NWO Internationalisation in the Humanities "Rationality and Decision", led by Jan-Willem Romeijn and Olivier Roy (University of Groningen). Collaborators: London School of Economics, University of Lund, LMU Munich, TiLPS. Volume: 75.000 €.
 NWO Internationalisation in the Humanities "Modeling in

NWO Internationalisation in the Humanities "Modeling in the Social and Behavioral Sciences", led by Stephan Hartmann (TiLPS). Collaborators: London School of Economics, Institut pour l'historie et philosophie des sciences et techniques (IHPST) Paris, LOGOS/Barcelona, University of Virginia. Volume: 75.000€.

2009–2011 NWO Internationalisation in the Humanities "Formal Social Epistemology", led by Stephan Hartmann (TiLPS). Collaborators: UNED Madrid, University of Pennsylvania, University of Sydney. Volume: 75.000€.

VALORIZATION AND MEDIA PRESENCE

- Interview with the Dutch newspaper "NRC Handelsblad", 9 April 2016. Available online at http://www.nrc.nl/handelsblad/2016/04/09/ons-zicht-op-de-werkelijkheid-wordt-verstoord-1605726
- Interview with the Dutch newspaper "Trouw", 10 January 2014.
- Entry on "The No Alternative Argument" in the Oxford University Press Blog.
 - Summary of the article "The No Alternative Argument" (written jointly with Richard Dawid and Stephan Hartmann) for a general audience interested in scientific and other intellectual issues.
- "There is No Alternative!". Feature in *The Guardian* by Michael Krämer, 4 May 2013.
 - Article featuring the scientific philosophy approach and the paper "The No Alternative Argument (see above). Available online at http://www.guardian.co.uk/science/life-and-physics/2013/may/04/no-alternative-bayes-penalties-philosophy-thatcher-merkel.
- Article on the Precautionary Principle in *Decision Point*, Volume 48 (April 2011).

- The Australian magazine "Decision point" facilitates communication between scientists, policy-makers and stakeholders in environmental issues.
- Grootste problemen van NL: Zorg, pensioen, EU, klimaat, migratie. (In Dutch.) De Groene Amsterdammer. 19 April 2011.
 - Reply to a request by the journal to describe the most over- and underrated problems in the Dutch society.
- Guest editor of the digest *The Reasoner*, Volume 4, No. 10 (October 2010).
 - Editorial on academic philosophy in Africa.
- Guest editor of the digest *The Reasoner*, Volume 3, No. 7 (July 2009).
 - Editorial and interview with Mark Colyvan on the interface between philosophy, science and public policy.

Administrative Experience

Management Team, Department of Philosophy, Tilburg University.	
Research Master Curriculum Committee, Department of Philosophy, Tilburg University.	
Research Master Admission and Exam Committee, Department of Philosophy, Tilburg University.	
Colloquium Doctum Committee, Faculty of Humanities, Tilburg University.	
Various search and selection Committees for open PhD and postdoc positions, Faculty of Humanities, Tilburg University.	
Coordination and direction of various activities at TiLPS, plus management of grants acquired by the director. Faculty of Humanities, Tilburg University.	
2009–	TiLPS Colloquium.
2009–15	Research Seminar "Epistemology and Philosophy of Science"
	University. Research Master Philosophy, Tilbut Research Master partment of Philocolloquium Doc Tilburg University. Various search a and postdoc post University. Coordination and plus management culty of Humani 2009–

2010–12	NWO Internationalisation Grant "Modelling in the Social and Behavorial Sciences".
2009–11	NWO Internationalisation Grant "Formal Approaches to Social Epistemology".
2008–09	Research Seminar "Philosophy of Economics".

Refereeing for Journals and Publishers

Artificial Intelligence

Australasian Journal of Philosophy

British Journal for the Philosophy of Science

Cognition

Cognitive Science

dialectica

Episteme

Ergo

Erkenntnis

European Journal for Analytic Philosophy

European Journal for the Philosophy of Science

Foundations of Science

Frontiers Psychology

Grazer Philosophische Studien

International Studies in the Philosophy of Science

Journal for Logic and Computation

Journal of Philosophical Logic

Logic Journal of the IGPL

Mind

Philosophia Naturalis

Philosophical Quarterly

Philosophy of Science

Polish Journal of Philosophy

Public Choice

Review of Philosophy and Psychology

Review of Symbolic Logic

South African Journal of Philosophy

Studies in the History and Philosophy of Science

Studies in the History and Philosophy of Modern Physics

Synthese

Theoria (Spain/Basque Country)

Theoria (Sweden)
Theory and Decision

Several book proposals and edited volumes with top publishers (Oxford University Press, Springer, etc.)

EVALUATION OF RESEARCH PROPOSALS

German Research Foundation	(DFG)
European Research Council	(ERC)
Research Foundation Flanders	(FWO)

The Leverhulme Trust (UK)

Netherlands Organisation for Scientific Research (NWO)

Riksbanken Jubileumfonds (Sweden)

Professional Affiliations

British Society for the Philosophy of Science	(BSPS)
Canadian Society for Hist. & Phil. of Science	(CSHPS/SCHPS)
European Philosophy of Science Association	(EPSA)
Gesellschaft für Analytische Philosophie	(GAP)
Gesellschaft für Wissenschaftsphilosophie	(GWP)
Nederlandse Vereniging voor Wetenschapsfilosofie	(NVWF)
Philosophy of Science Association	(PSA)
Society for Exact Philosophy	(SEP)

LANGUAGE PROFICIENCY

German native
English fluent (C2)
Dutch fluent (C2)
French proficient (C1)
Italian proficient/fair (B2)

Spanish fair (B1)
Russian basic (A2)
Croatian basic (A2)

SELECTED CHESS ACHIEVEMENTS

2016	Second Grandmaster Norm in the European Club Cup, Novi Sad, Serbia. Opponents included Peter Svidler, Loek van Wely, and four 2500+ grandmasters.
2014–2015	Top scorer in the highest Dutch Team Competition ("Meesterklasse"), sorted by number of total points and TPR.
2006–2008	Listed in the Top 500 of the World.
2002–2008	Active for German chess club Godesberger SK in the <i>Bundesliga</i> and <i>Zweite Bundesliga</i> .
	 First Grandmaster Norm in the 2005/06 season. Individual games include a win against Alexej Shirov (long time #3 of the world) and a draw against Ivan Sokolov.
2007	Winner of the Belgian team championship (with CRELEL Liège).
2002	Debut in the German Men's National Team.
2001	Award of the title of an International Master.