

# Curriculum Vitae

Corina Strößner

## Address

Institute of Philosophy II  
Ruhr University Bochum  
44789 Bochum  
Germany  
corina.stroessner@ruhr-uni-bochum.de

## Area of Specialisation

Cognitive Science; Logic; Formal Epistemology; Philosophy of Science

## Area of Competence

Linguistics; Philosophy of Psychology; Philosophy of Medicine; Generalized Theory of Evolution

## Education

- 2012 PhD in philosophy, Saarland University  
Thesis on the logic and semantics of normality statements, supervised by Niko Strobach, Ulrich Nortmann (summa cum laude)
- 2006 M.A. in philosophy (minor: German linguistics), University of Rostock  
Thesis on paraconsistent logic, supervised by Niko Strobach
- 2004 B.A. in philosophy (minor: German language and literature), University of Rostock  
Thesis on the law of excluded contradiction, supervised by Bertram Kienzle

## Academic Positions

04/2020 –  
Ruhr University Bochum  
Postdoctoral researcher at the department of philosophy II

01/2016 – 06/2019 & 10/2019 – 03/2020

Heinrich Heine University Düsseldorf

Postdoctoral researcher at the Duesseldorf Center for Logic and Philosophy of Science

01/2012 – 09/2014

University of Konstanz

Postdoctoral researcher at the department of philosophy

09/2011 – 12/2011

Saarland University

Researcher at the Institute for Formal Ontology and Medical Information Science

04/2008 – 08/2010

Saarland University

Doctoral researcher at the department of philosophy

## Publications

### Books

Strößner, C. (2014) *Die Logik der Normalität: Untersuchungen zur Semantik von Normalitätssurteilen* (The logic of normality: studies on the semantics of normality judgements), LOGOS De Gruyter

### Edited volumes

Feldbacher-Escamilla, C., Baraghith, K. & Strößner, C. (2021) “The Generalized Theory of Evolution”, special issue of the *American Philosophical Quarterly*

### Peer-reviewed articles

Schuster, A., Strößner, C, Sutton, P. & Zeevat, H. (2020): „Stochastic Frames”. *Proceedings of the Probability and Meaning Conference* , ACL Anthology, <https://www.aclweb.org/anthology/2020.pam-1.11>

Strößner, C. (2020): “Integrating conceptual spaces in frames”. *IfCoLog Journal of Applied Logics* (7, 5), <http://www.collegepublications.co.uk/downloads/ifcolog00041.pdf>

Strößner, C., Schuster, A. & Schurz, G. (2020) “Modification and default inheritance”. In Löbner, S., Gamerschlag, T., Kalenscher T., Schrenk, M. & Zeevat, H. (eds): *Concepts, Frames and Cascades in Semantics, Cognition and Ontology* Springer

Strößner, C. (2020): “Compositionality meets belief revision: a Bayesian model of modification”. *Review of Philosophy and Psychology* (11), <https://doi.org/10.1007/s13164-020-00476-8>

Strößner, C. & Schurz, G. (2020): “The role of reasoning and pragmatics in the modifier effect”. *Cognitive Science* (44, 2), <https://doi.org/10.1111/cogs.12815>

Strößner, C. (2020) “Predicate change: a study on the conservativity of conceptual change”. *Journal of Philosophical Logic* (49), <https://doi.org/10.1007/s10992-020-09552-x>

Strößner, C. (2020) “Existential import, Aristotelian logic, and its generalizations”. *Logica Universalis* (14), <https://doi.org/10.1007/s11787-020-00245-2>

Strößner, C. (2019) “The normative force of logical and probabilistic reasoning in improving beliefs”. *Theoria* 30, <https://doi.org/10.1111/theo.12214>

Strößner, C. (2018) “The Logic of ‘most’ and ‘mostly’”. *Axiomathes* (28, 1)

Strößner, C. (2015) “Normality and majority: towards a statistical understanding of normality statements”. *Erkenntnis* (80, 4), <https://doi.org/10.1007/s10670-014-9674-1>

Strößner, C. (2013) “Statistical and non-statistical normality” In Hoeltje, M., Spitzley, T. & Spohn, W. eds.): *Was dürfen wir glauben? Was sollen wir tun? - Sektionsbeiträge des achten internationalen Kongresses der Gesellschaft für Analytische Philosophie e.V.* DuEPublico

Strößner, C. & Strobach, N. (2012) “Veridications and their square of opposition”. In Béziau J.-Y. and Payette G. (eds.), *New perspectives on the square of opposition*. Peter Lang Bern

## Other publications

Bewersdorf, B. & Strößner, C. (2013): Editorial and interview with Wolfgang Spohn. *The Reasoner* 7/2013

Strößner, C. (2013) “Conference report: Fifth and Final Formal Epistemology Festival”. *The Reasoner* 7/2013

Sanfilippo, E., Schwarz, U. & Strößner, C. (2012) “List of domain quality-checked ontologies and initial release of HDOT and its glass box evaluation” Report, p-medicine deliverable 4.1

## Presentations

### Invited talks

“Integrating conceptual spaces in frames” and “Comment on Branden Fitelson: Probabilities of Conditionals and Conditional Probabilities – Revisted”, Workshop Epistemology Seminar III, Bochum virtual, 16/06/2020 – 17/06/2020

“Learning and changing predicates”, Colloquium of the Duesseldorf Center for Logic and Philosophy of Science, Düsseldorf 28/04/2020

“The role of reasoning and pragmatics in the modifier effect” (with G. Schurz), Philosophy meets cognitive science, Bochum 22/11/2018

“The rationality of predicate change”, Colloquium of the Munich Center for Mathematical Philosophy, Munich 15/11/2018

“Comment on Jan-Willem Romeijn: Epistemic diversity and editor decisions”, Joint colloquium of GAP (German Society for Analytic Philosophy) and GWP (German Society for Philosophy of Science): Belief aggregation and epistemic diversity in science, Cologne 18/09/2018

“Logik und Kognition” (Logic and cognition), Frege Zentrum, Wismar 11/05/2017

“What can we infer from typicality?”, Honorary Colloquium for Gerhard Schurz, Düsseldorf 3/12/2016

“Hässliche Einhörner und Planet Pluto” (Ugly unicorns and planet Pluto), Kaminabend of the centre for logic, philosophy and history and science, Rostock 07/01/2016

“Ugly unicorns and planet Pluto. The logic of predicate change”, Colloquium of the Duesseldorf Center for Logic and Philosophy of Science, Düsseldorf 20/10/2015

“Majority and ontological typicality”, Work in progress seminar of the Munich Center for Mathematical Philosophy, Munich 20/10/2011

“The meaning of being normal”, Logic Tea, Amsterdam 10/11/2008

### Contributed talks

“Criteria of naturalness in conceptual spaces” 2nd Congress of RSHPS, St Petersburg (virtual), 27/11/2020

“Conceptual spaces in frames”, SemSpace (Workshop on semantic spaces at the intersection of NLP, physics, and cognitive science), Riga 06/08/2019

“Natural concepts in a brain-based feature system” (with H. Zeevat), GWP (Conference of the German Society for Philosophy of Science), Cologne 25/02/2019

“Stochastic frames: motivations, applications, and challenges” (with A. Schuster, P. Sutton, H. Zeevat), Cognitive Structures 2018, Düsseldorf 13/09/2018

“Is the modifier effect explained by rational reasoning?” (with G. Schurz), Cognitive Structures 2018, Düsseldorf 13/09/2018

“Stochastic frames” (with A. Schuster, P. Sutton, H. Zeevat), Uncertainty in Meaning and Representation in Linguistics and Philosophy, Jelenia Góra 21/02/2018

“Prototype frames” (with A. Schuster), Probabilistic Approaches to (Prototype) Concepts, affiliated workshop of the SOPhiA, Salzburg 13/09/2017

“The rationality of predicate change”, ECAP 9 (European Congress of Analytic Philosophy), Munich 22/08/2017

“Frames, constraints and modification”, ESSP 2017 (Annual Meeting of the European Society for Philosophy and Psychology), Hertfordshire 14/08/2017

“Modification and default inheritance” (with G. Schurz and A. Schuster), Cognitive Structures 2016, Düsseldorf 17/09/2016

“Constraints: theory and experiments”, Reasoning in Conceptual Spaces II, Stockholm 24/08/2016

“Default inheritance”, Reasoning in Conceptual Spaces I, Amsterdam 28/06/2016

“The normativity of probability and logic: the difference between lotteries and books”, GAP.9 (Conference of the German Society for Analytic Philosophy), Osnaabrück 18/09/2015

“Efficient defaults”, DGL (Decisions, Games, and Logic), Stockholm 17/06/2013

“Statistical and non-statistical normality”, GAP.8 (Conference of the German Society for Analytic Philosophy), Konstanz 17/09/2012

“A quantitative logic of normality”, CLMPS 14 (Congress of Logic, Methodology and Philosophy of Science), Nancy 25/07/2011

“Evolution and the ontology of typicality”, Bioprozesse II, Rostock 25/03/2011

“Justification and normality”, FEW (Formal Epistemology Workshop) 2010, Konstanz 03/09/2010

“Many-valued logics and some variations of the square”, Second World Congress on the Square of Opposition, Corte 17/06/2010 - 20/06/2010

“Belief or fact: on the epistemic status of normality”, Cultures of Knowledge, Toruń 26/05/2010

“Extensions of the logical square for veridicators in many-valued logic”, NOT-Workshop on the Geometry of Logical Opposition, Leuven 23/01/2010

“‘Most’ and ‘probably’: quantifiers and statistical reasoning”, PROGIC (Workshop on Combining Probability and Logic), Groningen 19/09/2009

“Łukasiewicz’s thought style between Aristotelian tradition and modern logic”, Łukasiewicz et la histoire de la logique, Nancy 06/05/2009

“Normalitätsschlüsse” (Normality-based reasoning), Undergraduate Workshop on Concepts of Reasoning, Saarbrücken 26/03/2009

“A Blanché star for truth-functional paraconsistent one-place operators”, First World Congress on the Square of Opposition, Montreux 03/06/2007

### **Poster presentations**

“Stochastic frames” (with A. Schuster, P. Sutton, and H. Zeevat), Probability and Meaning, Gothenburg (virtual) 15/10/2020

“Is the modifier effect explained by rational reasoning?” (with G. Schurz), EuroCogSci (European Conference for Cognitive Science), Bochum 02/09/2019

“The rationality of predicate change”, 20th Workshop on the roots of pragmasemantics, Szklarska Poręba 01/03/2019

“The rationality of predicate change”, GAP.10, Cologne 01/03/2019 – 04/03/2019

“The rationality of conceptual change”, GAP.9, Osnabrück 14/09/2015 – 18/09/2015

“The rationality of conceptual change”, Nature and Origins of Human Cognition, Berlin 18/06/2015 – 19/06/2015

### **Other presentations**

“The rationality of predicate change”, Colloquium of the CRC991, Düsseldorf 29/11/2018

“Stochastic frames” (with A. Schuster, P. Sutton, H. Zeevat), Colloquium of the CRC991, Düsseldorf 12/04/2018

“Frames and conceptual spaces”, Colloquium of the DCLPS, Düsseldorf 02/05/2017

“Frames and conceptual spaces: connections and comparisons”, Colloquium of the CRC991, Düsseldorf 24/11/2016

“Prototype frames: theory and experiment” (with A. Schuster), Colloquium of the DCLPS, Düsseldorf 24/05/2016

“Probabilities in prototype frames”, Workshop on Probabilities in Frames, Düsseldorf 23/05/2016

“Epistemology of concepts”, Promotion Club Cognitive Patterns, Groningen 27/10/2014

Two lectures on logic of communication for teachers at a grammar school in Konstanz 15/05/2015

Two lectures for pupils, University of Konstanz 11/03/2014

“Understanding normality statements”, Workshop with Jeffrey A. Barrett, Konstanz 30/04/2012

Five public lectures on philosophy in Kieslowski’s movies, Saarbrücken 27/04/10 – 29/06/10

Two public lectures on logic and communication, Open day of the Saarland University, Saarbrücken 22/06/2010

“Norm and Normalität” (Norm and Normality), Colloquium of the department of philosophy, Saarbrücken 03/12/2008

## Grants

2019: Travel Grant for ESSLLI 2019 by Heinrich Heine University Düsseldorf, € 370

2018: DFG Grant for “The Generalized Theory of Evolution”, € 5.350

2014: Honorary Scholarship of Rijksuniversiteit Groningen, € 4.500

2014: Eduard-Martin-Preis for the best PhD theses of the Saar University, € 500

2014: Fellowship by the University of Konstanz, € 17.900

2010: Fellowship by graduate scholarship program, € 10.900

2010: Grant for a workshop by GAP with N. Strobach, € 1.000

2007: Travel Grant for First World Congress on the Square of Opposition by the Friedrich-und-Irmgard-Harms Stiftung, € 400

## Teaching<sup>1</sup>

### Heinrich Heine University Düsseldorf

2019 summer term

- Course\*: Statistics with R (at the summer school on philosophical engineering)
- Basic seminar\*: Philosophy in movies: possible worlds, free will and personal identity (with M. Sekatskaya)

2018/19 winter term

- Introductory seminar: Logic I

2018 summer term

- Advanced seminar: Normality assumptions in common sense and sciences

2017 summer term

- Advanced seminar: Philosophy of biology (with K. Baraghith)

### University of Konstanz

2014 summer term

- Advanced seminar: Similarity

2013/14 winter term

- Seminar: On the genealogy of morality
- Advanced seminar\*: Concepts and categorization

### Saarland University

2010 summer term

- Seminar: Probability
- Seminar: Philosophy in Kieślowski's 'Dekalog'

2009 summer term

- Advanced seminar: David Lewis: language, logic, metaphysics

2008/09 winter term

- Seminar: Philosophy in aphorisms – Nietzsche, Wittgenstein, et. al.
- Substitute lectures: Logic and philosophy of language

2008 summer term

- Seminar: Łukasiewicz on the law of non-contradiction

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<sup>1</sup>Teaching in English is indicated with \*. Other courses were taught in German.



## **University of Rostock**

2011 summer term

- Seminar: Foundations of analytical philosophy: Frege and Russel (with T. Breidenmoser)

2006/07 winter term

- Advanced seminar: Logic and pragmatics (with N. Strobach)
- Tutorial: Logic

2005 summer term

- Tutorial: Modern philosophy

2003 summer term

- Tutorial: Logic

## **Other Academic Activities**

### **Conference organization**

Part of the organizing committee of “CARLA 2021”, Bolzano 16/09/2021 – 17/09/2021

Part of the organizing committee of “Protolang 2021”, Düsseldorf 06/09/2021 – 09/09/2021

Organization of “Mindless Explanations? The Causal and Explanatory Role of Mental States” (with M. Sekatskaya), affiliated workshop of SOPhiA, Salzburg 19/09/2019

Member of the program committee of the GAP.10 (Conference of the German society of analytic philosophy), Logic section , Cologne 17/09/2018 – 20/09/2018

Co-chair of the program committee of the workshop “Uncertainty in Meaning and Representation in Linguistics and Philosophy”, Jelenia Góra 21/02/2018 – 23/02/2018

Organization of “The Generalized Theory of Evolution” (with C. Feldbacher-Escamilla and K. Baraghith), Düsseldorf 31/01/2018 – 03/02/2018

Organization of “Probabilistic Approaches to (Prototype) Concepts” (with A. Schuster), affiliated workshop of SOPhiA, Salzburg 13/09/2017

Assistance at the GWP 2016, Düsseldorf 08/03/2016 – 11/03/2016

Assistance at the Fifth and Final Formal Epistemology Festival, Toronto 02/06/13 – 05/06/13

Assistance and Commentator at the LEMMing Graduate Conference, Cologne  
29/11/12 – 01/12/12

Organization of a philosophical cinema show with introductory talks and discussion:  
Kieślowski's 'Dekalog' (with N. Strobach and Kino 8½ ), Saarbrücken 27/04/10 –  
29/06/10

Organization of an undergraduate workshop “Konzepte des Folgerns” (Concepts of  
Reasoning), Saarbrücken 26/03/09 – 29/03/09

### **Selected reviews**

Cognitive Science (6), Synthese (6), Axiomathes (4), Journal of Philosophical Logic,  
Studies in Universal Logic, European Studies in Philosophy of Science

### **Memberships**

GK - Gesellschaft für Kognitionswissenschaft (German society of cognitive science)  
GWP - Gesellschaft für Wissenschaftsphilosophie GWP (German society for phi-  
losophy of science)

GAP - Gesellschaft für analytische Philosophie (German society of analytic philo-  
sophy)

CRC 991 - Collaborative Research Centre 991: The Structure of Representations  
in Language, Cognition, and Science

ZLWWG - Zentrum für Logik, Wissenschaftstheorie und Wissenschaftsgeschichte  
Rostock (Centre for Logic, Philosophy and History of Science) - founding member

### **Skills**

- Languages: German (native speaker), English (C1), Polish (A2)
- Software: LaTeX, SPSS Statistics, R Statistics, Windows Office, Libre Office
- Experience in designing, running and analysing psychological experiments

### **References**

#### **Gerhard Schurz**

Heinrich Heine University Düsseldorf  
Department of Philosophy  
Düsseldorf Centre for Logic and Philosophy of Science  
Gebäude 24.52.01, Raum 01.22  
Universitätsstraße 1  
D-40225 Düsseldorf  
Tel: +49 211 81-12914  
E-Mail: schurz@phil-fak.uni-duesseldorf.de

**Niko Strobach**

University of Münster  
Philosophisches Seminar  
Domplatz 23  
D-48143 Münster  
Tel.: +49 251 832 4467  
E-Mail: [nstro\\_01@uni-muenster.de](mailto:nstro_01@uni-muenster.de)

**Wolfgang Spohn**

University of Konstanz  
Fachbereich Philosophie  
78457 Konstanz  
Tel: +49 7531 88 2503  
E-mail: [wolfgang.spohn@uni-konstanz.de](mailto:wolfgang.spohn@uni-konstanz.de)