

Prof. Dr. Markus Werning

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1. Personal Data

Born in Tübingen, Germany.

2. Education and Qualification

Dr. phil. (*summa cum laude*) with a dissertation on "The Compositional Brain: A Unification of Conceptual and Neuronal Perspectives", supervision: Prof. Dr. Gerhard Schurz, Prof. Dr. Axel Bühler, University of Düsseldorf

Magister Artium with the two majors philosophy and physics (grade: "very good"). Topic of the Master's thesis: "Erkenntnis und Schlussfolgerung" (Knowledge and Inference), Examiners: Prof. Dr. Peter Bieri, Prof. Dr. Holm Tetens, Free University Berlin.

Research Scholar, Graduate School of Philosophy & Rutgers Center for Cognitive Science, Rutgers University, New Jersey.

Studies of Philosophy and Physics, Free University of Berlin

Studies of Philosophy and Physics, University of Marburg

Abitur, Altkönigschule Kronberg

3. Scientific Career

since 07/2019 Co-speaker of the DFG Research Group *Constructing Scenarios of the Past: A New Framework of Episodic Memory*.

since 01/2016 Full Professor for Philosophy of Language and Cognition, Ruhr University Bochum

2010-2015 Head of the Mercator Research Group *Structures of Memory*

2010-2015 Endowment Professor for Philosophy of Language and Cognition, Ruhr-University Bochum

04-07/2009 Replacement Professor for Theoretical Philosophy, University of Mainz

2008-2009 Postdoc in the DFG Project *Neuroframes: A Neuro-Cognitive Model of Situated Conceptualization in the DFG Research Unit Functional Concepts and Frames*.

- 2005-2008 Postdoc in the DFG Project *Neuroframes - Neural Foundations of Functional Concepts* in the DFG Research Group *Functional Concepts and Frames*
- 2005-2009 Lecturer, Heinrich-Heine-University Düsseldorf
- 2002-2005 pre-doctoral research associate, Heinrich-Heine-University Düsseldorf
- 2000-2002 pred-doctoral research associate, University of Erfurt
- 1999-2000 Organizer of the colloquium *Philosophy Meets Cognitive Science*, Charité, Humboldt-University Berlin
- 1997-1998 Research Scholar, Rutgers University and Rutgers Center of Cognitive Science, New Jersey

4. Research Focus

Philosophy of language and mind, philosophy of memory, semantics/pragmatics, epistemology, cognitive Science

5. Expert Activities

Reviewer for Journals (selection)

Behavioral and Brain Sciences	Semantics and Pragmatics
The Philosophical Quarterly	Journal of Applied Logic
Synthesis	Minds and Machines
Knowledge	Journal of Logic, Language and Information
Cognitive Science	Phenomenology and Cognitive Science
Graz Philosophical Studies	PLOS Biology
Dialectica	Philosophy Compass
Consciousness and Cognition	Chaos and Complexity Letters
The Journal of Semantics	Psyche

Reviewer for Institutions:

German Research Foundation
 Collège de France
 Israeli Science Foundation
 Dutch Research Council (NWO)
 Flemish Research Council (FWO)
 Study Foundation of the German People
 DAAD
 Catholic Academic Foreign Service
 German University Foundation

AQAS reaccreditation
University College London
Lund University

Editorial Boards

Specialty Chief Editor of the *Journal Frontiers in Psychology*
Chief Editor of the *Oxford Handbook of Compositionality*
Program Committee for the *Annual Conference of the Cognitive Science Society*.

6. Scientific Prizes And Awards

- 1994-1998 Studienstiftung des deutschen Volkes: Study Scholarship
1997-1998 Studienstiftung des deutschen Volkes: Overseas Scholarship, DM 18,000
1997-1998 Visiting Research Scholar at Rutgers University, Department of Philosophy and Rutgers Center of Cognitive Science.
2006 Barbara Wengeler Prize for the networking of philosophy and Neuroscience, €10,000
2011-12 Senior Fellow at the Center for Interdisciplinary Research (ZiF) in Bielefeld as a member of the research group *The Causal Construction of Causal Cognition*, Bielefeld.
2019 Host of Mercator Fellow Prof. Kourken Michaelian as part of the DFG Research Group *Constructing Scenarios of the Past*.
2019 Host of Mercator Fellow Prof. Peggy St Jacques as part of the DFG Research Group *Constructing Scenarios of the Past*.

7. Other Services Complementing the Qualification Profile

7a. Organized symposia with focus on graduate support)

- 2003 Teaching and Research Workshop (organized with Martina Penke): *The Cognitive Basis of "Theory of Mind" (ToM)*, Düsseldorf, Germany
2004 Teaching and Research Workshop (organized with Jürgen Zielasek): *Consciousness without reference to the world: philosophical, psychiatric and neuroscientific aspects of hallucination, imagination and dream*, Düsseldorf.
2005 Teaching and Research Workshop: *Content, Consciousness and Action*, Düsseldorf, Germany
2008 Teaching and research workshop *Thinking of Events* (with Achille Varzi), Bochum
2013 Teaching and research workshop *Phenomenal Mindreading*, Bochum
2014 European Campus of Excellence Summer School *Memory and Mind - Perspectives from Philosophy and Neuroscience*, Bochum
2015 Teaching and Research Workshop *Emotional and Physical Suffering: Roles and Values*, Bochum, Germany.

2017 Teaching and Research Workshop *Negation and Negativity in Natural Language*, Bochum, Germany.

7b. *Other conferences organized with primary responsibility (since 2003)*

- 2003 Workshop *The Composition of Meaning* (with Wilfrid Hodges, among others), Düsseldorf
- 2003 Conference *Compositionality, Concepts and Cognition*, Düsseldorf, Germany
- 2004 Conference (organized with Edouard Machery): *New Aspects of Compositionality*, Université Paris-Sorbonne
- 2004 Conference (organized with Sebastian Löbner and others): *Concept Types and Frames in Language, Cognition, and Science*, Düsseldorf, Germany
- 2005 Congress *What is Science? - Presentation and Stocktaking of the German Philosophy of Science* (organized with Holger Lyre, Martin Carrier and Marcel Weber), Wissenschaftszentrum Bonn
- 2006 Conference *Reliable Knowledge and Social Epistemology - The Philosophy of Alvin Goldman* (with Alvin Goldman), Düsseldorf, Germany
- 2007 Workshop *Compositionality and Systematicity* (with Brian McLaughlin), Düsseldorf, Germany
- 2007 Workshop *The Modularity of Mind - Revisions and Prospects* (organized with Jürgen Zielasek), Düsseldorf, Germany
- 2010 Symposium *New Perspectives on Memory*, KogWiss 2010, Potsdam
- 2011 Conference *Semantics and Philosophy in Europe 4*, Bochum
- 2012 ZiF-Conference *Agents and Causes: Interdisciplinary Perspectives in Mind, Language and Culture*, Bielefeld
- 2012 Workshop *Quotation: Perspectives from Philosophy and Linguistics*, Bochum
- 2013 Congress *35th Annual Meeting of the Cognitive Science Society* (Program Committee), Berlin, Germany.
- 2013 Conference *Semantics and Philosophy in Europe 6*, St. Petersburg
- 2013 Conference *Investigating Semantics: Empirical and Philosophical Perspectives*, Bochum, Germany
- 2014 Congress *36th Annual Meeting of the Cognitive Science Society* (Program Committee), Quebec.
- 2015 Congress *37th Annual Meeting of the Cognitive Science Society* (Program Committee), Pasadena, CA.
- 2015 Conference-Workshop *Compositionality: can formal semantics meet the challenges from psycho/neurolinguistics? on Semantics and Philosophy in Europe 8*, Cambridge.
- 2016 Conference *What is episodic memory? Perspectives from Philosophy, Psychology and Neuroscience*, Bochum
- 2016 Fest colloquium in honor of Gerhard Schurz, Düsseldorf
- 2017 Conference *PLM4 - Fourth Philosophy of Language and Mind Conference*, Bochum, Germany
- 2017 Workshop *Revising formal semantic and pragmatic theories from a neurocognitive perspective*, Bochum.

- 2018 Conference *CoMPPrag2018: Computational Models of Language Generation and Processing in Pragmatics*, Bochum, Germany.
- 2019 Workshop *Reasoning, Argumentation and Logic in Natural Language: Experiments and Models*, Bochum, Germany
- 2020-23 Bochum-Grenoble Memory Colloquium
- 2023 Sinn und Bedeutung 30, Bochum, Germany

7c. Other achievements complementing the qualification profile: Participation in academic self-governance

- 2019 Chairman of the appointments committee "Philosophy of Information and Communication".
- 2018 Chair of the appointments committee "Philosophy of Mind and Cognition".
- 2018/19 Executive Director of the Department of Philosophy II, Ruhr University Bochum
- 2013/14 Executive Director of the Department for Philosophy II, Ruhr University Bochum
- as of 2012 Member/deputy member of the faculty's doctoral committee
- from 2015 Member of the Faculty Council of the School of Philosophy and Educational Science, Ruhr University Bochum

8. Information on the Supervision of Young Scientists In The Last Ten Years

8a. Supervised dissertations

Supervised, completed dissertations

- Dr.Dr. Alexander Wiegmann "The folk concept of lying - a study in experimental philosophy", first supervisor.
- Prof. Dr. Guido Robin Löhr "The problem of abstract concepts for a theory of situated cognition," first supervisor (Cotutelle with ENS Paris).
- Dr. Maria Spsychalska "Quantifying in the Brain: Combining philosophical and neurocognitive perspectives on quantification and scalar implicatures in natural language"; first supervisor.
- Prof. Dr. Kristina Liefke "A Single-type Semantics for Natural Language", principal reviewer, doctoral committee.
- Dr. Christoph Michel "Self-knowledge and Self-deception"; second supervisor.
- Dr. Tomoo Ueda "Telling what she thinks: Semantics and pragmatics of belief reports"; second supervisor.
- Dr. Ulrike Pompe "Perception and cognition - the analysis of object recognition"; second supervisor

Supervised ongoing dissertations

- Philipp Keim, MA "Humor: Perspectives from Philosophy and Cognitive Science", first supervisor.
- Francesca Righetti, MA "Minimal Memory Traces and Consciousness", first supervisor.

Ludmila Reimer, MA.	"Effects of enacted communication on meaning: co-speech gestures and non-verbal signaling", first supervisor.
Souad Alhelou, MA	"Polysemy and Co-Predication," first supervisor
Viviana Haase, MA.	"Negation and Negativity in Language: Empirical and Philosophical Perspectives," first supervisor.
Juan Alvarez, MA	"Philosophy of memory and the extended mind hypothesis," first supervisor (cotutelle Bochum-Grenoble)

Member of doctoral and habilitation committees abroad (incl. review)

Dr. Will Jones	"Theories of the Self: The Role of the Philosophy and Neuroscience of Language," principal reviewer & examiner (University of Durham).
Prof. Dr. Kristina Liefke	"A single-type semantics for natural language"; principal reviewer & examiner (Tilburg University).
Prof. Dr. Guido Robin Löhr	"The Problem of Abstract Concepts for a Theory of Situated Cognition," Second Supervisor & Examiner, Ecole Normale Supérieure, Paris (Cotutelle with Bochum).
Dr.Dr. Alexander Wiegmann	"The folk concept of lying - a study in experimental philosophy", main reviewer and examiner (University of Zurich)
Dr. habil. Andy Lücking	"Aspects of Multimodal Communication", Principal Reviewer and Examiner Habilitation Commission Université Paris Cité

8b. Qualification thesis awards (first supervisor)

Dr. Maria Spychalska	Barbara Wengeler Prize for the Networking of Philosophy and Neuroscience (2016)
Dr. Maria Spychalska	Prize of the Society of Friends of the Ruhr University Bochum (2016)

8c. Continuing scientific careers of formerly supervised doctoral and postdoctoral researchers

- Prof. Dr. Kevin Reuter, SNSF Eccellenza Professor, Department of Philosophy, University of Zurich (ex-postdoc)
- Prof. Dr. Kristina Liefke, Junior Professor (TT), Ruhr University Bochum (ex-PhD reviewee)
- Prof. Dr. Alexandra Mroczko-Wasowicz, Associate Professor, Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taipei, Taiwan, now Warsaw University (ex-postdoc)
- Prof. Dr. Guillermo del Pinal, Assistant Professor (TT) in Philosophy at the University of Massachusetts at Amherst (ex-postdoc)
- Prof. Dr. Guido Löhr, Assistant Professor (TT) of Logic and AI at Vrije Universiteit Amsterdam (ex-PhD supervisee)
- Prof. Dr. Chris McCarroll, Assistant Professor (TT), Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taipei, Taiwan (ex-postdoc)
- Dr. Ulrike Pompe-Alama, Substitute Professor, Institute for Philosophy, University of Stuttgart (ex-PhD supervisee)

Dr. Maria Spsychalska, postdoc researcher, Max Planck Institute for Neurolinguistics, Nijmegen, The Netherlands (ex-PhD supervisee)

Dr. Anco Peeters, Lecturer, Donders Center & Radboud University, Nijmegen, The Netherlands (ex-posdoc)

Dr. Dr. Alexander Wiegman, Postdoc, Ruhr University Bochum (ex-PhD supervisee)

9. Third-party funds raised (2010-2023)

Total pro rata third-party funds raised: € 6,968,764.54

For an itemized list, see attachment.

10. Publications

Cumulative Journal Impact Factor: >100

h-Index (Google Scholar): 21

i10-Index (Google Scholar): 33

For a list of publications, see attachment.

11. Talks

More than 200 invited talks and keynotes.

Third-party funding (selection as of September 2023)

Project title	Research cluster	Cluster total/ localization	Funding agency/grant no.	Funding period	Type of funding (in German)	Role Werning	Pro rata project funds raised	Pro rata overhead raised	Pro rata funds raised (project + overhead)
Compositionality, Concepts and Cognition		Düsseldorf	Fritz-Thyssen Stiftung	26.-29.02. 2004	Sachbeihilfe Konferenz	Speaker	16,251.00 €		16,251.00 €
What is science?	Initiative ProGeisteswissen- schaften	30.000,00€ Wissenschafts- zentrum Bonn	Stifterverband für die deutsche Wissenschaft, Volkswagensti- ftung, Fritz- Thyssen- Stiftung, Zeit- Stiftung Ebelin und Gerd Bucerius	2007-08	Konferenz/ Clusterbildung	Ko- Organisato r	7,500.00 €		7,500.00 €
Theory of Memory	Mercator- Forschergruppe Structures of Memory	7.000.000,00 € 3 Projektgruppen	Stiftung Mercator	2010-2015	Projektgruppe in Mercator Forschergruppe	Head/PI	1,500,000.00 €		1,500,000.00 €
Agents and Causes	ZiF-Forschergruppe The Cultural Construction of Causal Cognition	500.000,00 € 20 Projekte ZiF Bielefeld	Zentrum für inter- disziplinäre Forschung Bielefeld/ DFG	01.10.2011- 31.07.2012	Senior Fellowship & Conference Grant	Senior Fellow	25,000.00 €		25,000.00 €
Grasping Discourses. The Role of Mental Simulation in Linguistic Comprehension and Production Processes	ESF-ROP Cooperation	University of Calabria & Bochum	ESF	3 years	Cooperation Project	Host-PI			
Quotation: Perspectives from Philosophy and Linguistics		Bochum	DFG	27.-29.09. 2012	Sachbeihilfe Konferenz	Head/PI	9,000.00 €		9,000.00 €

Investigating Semantics: Empirical and Philosophical Approaches		Bochum	DFG	10.-12.10.2013	Sachbeihilfe Konferenz	Head/PI	11,000.00 €		11,000.00 €
ECE Summer School Memory and Mind: Perspectives from Philosophy and Neuroscience	European Campus of Excellence	Bochum	Stiftung Mercator & Hertie-Stiftung	07.-20.09.2014	Sommerschule	Head/PI	100,000.00 €		100,000.00 €
P10 Theory of situated linguistic meaning	GRK 2184 Situated Cognition	Bochum & Osnabrück	DFG GRK 2185/1	01.06.2017-30.11.2021	Doktoranden-Projekt in Graduiertenkolleg	PI	211,850.00 €	46,607.00 €	258,457.00 €
LING 2.1 Effects of Enacted Communication on Meaning: Co-speech Gestures and Non-Verbal Signaling									
Ling 3.x									
The interaction of Bayesian pragmatics and lexical semantics in language comprehension.	SPP 1727 Xprag.de: New Pragmatic Theories Based on Experimental Evidence	Germany & Austria	DFG WE 4984/4-1 AOBJ 639659	01.08.2017-31.07.2020	Basismodul in Projekt eines Schwerpunktprogram	PI	282,581.00 €	62,200.00 €	344,781.00 €
				01.08.2020-31.10.2020	Corona-Sofortmaßnahmen		18,838.73 €	4,144.52 €	22,983.25 €
				19.04.2020-07.10.2022	Mehrbedarf wegen Elternzeitvertretung		193,626.77 €	42,597.89 €	236,224.66 €
Fourth Philosophy of Language and Mind Conference (PLM4)		Bochum	DFG WE 4984/5-1 AOBJ: 640807	21.-23.09.2017	Sachbeihilfe Konferenz	PI	25,000.00 €	5,500.00 €	30,500.00 €

P3.1 Scenarios in generative episodic memory: how can episodic memory be explained naturalistically?	FOR 2812 Constructing Scenarios of the Past: A New Framework of Episodic Memory (speaker: Sen Cheng, co-speaker Markus Werning)	Bochum & Münster	DFG WE 4984/6-1 AOBJ: 655172 PN:41903892 4	01.12.2019- 30.11.2022	Basismodul in Projekt einer Forschungsgruppe	PI	235,250.00 €	51,800.00 €	287,050.00 €
P3.2 Charting episodic memory within its natural bounds: The role of non-perceptual factors in remembering. Erinnern			DFG WE 4984/6-2 AOBJ: 688104 PN:39753056 6	01.12.2022- 30.11.2025	Basismodul in Projekt einer Forschungsgruppe	PI	290,838.00 €	64,000.00 €	354,838.00 €
P6 Episodic memory traces: causal, epistemic, and content aspects of the link between experience and between experience and memory.			DFG WE 4984/7-1 AOBJ: 655186 PN: 419040015	01.10.2019- 30.09.2022	Basismodul in Projekt einer Forschungsgruppe	P1	140,050.00 €	30,800.00 €	170,850.00 €
P10 Episodic memory reports: Linguistic evidence for experiential similarity, perspectivity and generativity generativität			DFG LI 2562/4-1 AOBJ:688105 PN: 397530566	01.11.2022- 30.10.2025	Basismodul in Projekt einer Forschungsgruppe	Co-PI	n/a (193,138.00 €)	n/a (42,500.00 €)	n/a (235,638.00 €)
Center for Theoretical and Integrative Neuro- and Cognitive Science	THINK	89.306.000,00 € 27 Pis Bochum	BMBF NW1081005	2020-2024	Forschungsneubau	PI	3,307,629.63 €		3,307,629.63 €
Sum of pro rata raised funds: project overhead total							6,609,415.13 €	359,349.41 €	6,968,764.54 €

Publications

General Bibliographical Information

ORCID ID: 0000-0001-7303-4154

h-Index (Google Scholar): 21

i10-Index (Google Scholar): 33

Cumulative Journal Impact Factor = 104.316.

Books

Werning, M., Hinzen, W., & Machery, M. (Eds., 2012).
The Oxford Handbook of Compositionality.
Oxford University Press, Oxford (ISBN 978-0-19-954107-2). doi:
10.1093/oxfordhb/9780199541072.001.0001

Schurz, G. & Werning, M. (Eds., 2009).
Reliable Knowledge & Social Epistemology: Essays on the Philosophy of Alvin Goldman and Replies by Goldman (Grazer Philosophischer Studien, Vol. 79).
Brill Rodopi, Leiden (ISBN 978-90-420-2810-4). brill.com/view/title/29932

Werning, M., Machery, E., & Schurz, G. (Eds., 2005).
The Compositionality of Meaning and Content (Vol. I: Foundational Issues).
De Gruyter/Ontos, Berlin & Frankfurt (ISBN 978-3-11-032306-1, hardcopy; ISBN 978-3-11-032362-7, eBook;). doi: 10.1515/9783110323627

Machery, E., Werning, M., & Schurz, G. (Eds., 2005).
The Compositionality of Meaning and Content (Vol. II: Applications to Linguistics, Psychology and Neuroscience).
De Gruyter/Ontos, Berlin & Frankfurt (ISBN 978-3-11-033275-9, hardcopy; ISBN 978-3-11-033286-5, eBook). doi: 10.1515/9783110332865

Edited Journal Issues

Feldbacher-Escamilla, C. J., Gebharder, A., Brössel, P. & Werning, M. (2019, eds.). Special Issue: Logical perspectives on science and cognition. Synthese. doi: 10.1007/s11229-019-02334-2

Ben-Yami, H., Carston, R. & Werning, M. (2018, eds.). Special Issue: Trends in Philosophy of Language and Mind. Synthese 195(8). doi: 10.1007/s11229-016-1174-1

Horn, C., Löbner, S., & Werning, M. (2012, eds.).
Special Issue: Semantic Contributions to a Theory of Concepts.
Journal of Semantics, Vol. 29(4). doi: [10.1093/jos/ffs008](https://doi.org/10.1093/jos/ffs008)

Schurz, G. & Werning, M. (2009, eds.).
Special issue: Reliable Knowledge & Social Epistemology: The Philosophy of Alvin Goldman.
Grazer Philosophische Studien, Vol. 79.

Peer-reviewed Articles

Reimer, L., & Werning, M. (2023).
Modelling the Integration of Co-Speech Gestures into Sentence Meaning Composition.
Proceedings of the Annual Meeting of the Cognitive Science Society, 45, 625–631.
<https://escholarship.org/uc/item/50b230ts>.

Liefke, K., & Werning, M. (forthcoming).
Factivity variation in episodic memory reports.
New Frontiers in Artificial Intelligence.
Lecture Notes in Computer Science.
Y. Katsutoshi, T. Yasufumi, & K. Mineshima (Eds.). Heidelberg: Springer.

Jainta, B., Siestrup, S., El-Sourani, N., Trempler, I., Wurm, M. F., Werning, M., Cheng, S.,
Schubotz, R. I. (2022).
Seeing what I did (not): Cerebral and behavioral effects of agency and perspective on episodic
memory re-activation.
Frontiers in Behavioral Neuroscience, 15(793115), 1–18. doi: [10.3389/fnbeh.2021.793115](https://doi.org/10.3389/fnbeh.2021.793115)
IF=3.558 (2022)

Spychalska, M., Reimer, L., Schumacher, P. B., & Werning, M. (2021).
The cost of the epistemic step: Investigating scalar implicatures in full and partial information
contexts.
Frontiers in Psychology, 12(679491), 1-26. doi: [10.3389/fpsyg.2021.679491](https://doi.org/10.3389/fpsyg.2021.679491).
IF=2.990 (2020)

Liefke, K., & Werning, M. (2021).
Experiential imagination and the inside/outside-distinction.
New Frontiers in Artificial Intelligence,
Lecture Notes in Computer Science 12758, 96–112.
N. Okazaki, K. Yada, K. Satoh, & K. Mineshima (Eds.), Heidelberg: Springer. doi:[10.1007/978-3-030-79942-7_7](https://doi.org/10.1007/978-3-030-79942-7_7)

Werning, M. (2020).
Predicting the Past from Minimal Traces: Episodic Memory and its Distinction from Imagination
and Preservation.

Review of Philosophy and Psychology 11, 301–333. [doi: 10.1007/s13164-020-00471-z](https://doi.org/10.1007/s13164-020-00471-z).
IF=1.50 (2018)

Haase, V., Spychalska, M., & Werning, M. (2019).
Investigating the comprehension of negated sentences employing world knowledge: an event-related potential study.
Frontiers in Psychology 10 (2184). [doi: 10.3389/fpsyg.2019.02184](https://doi.org/10.3389/fpsyg.2019.02184).
IF=2.129 (2018)

Feldbacher-Escamilla, C. J.; Gebharter, A.; Brössel, P. & Werning, M. (2019).
Introduction to the special issue "Logical perspectives on science and cognition"
Synthese 197, 1381–1390. [doi: 10.1007/s11229-019-02334-2](https://doi.org/10.1007/s11229-019-02334-2)
IF=1.262 (2018)

Spychalska, M., Haase, V., Kontinen, J., & Werning, M. (2019).
Processing of affirmation and negation in contexts with unique and multiple alternatives:
Evidence from event-related potentials.
Proceedings of the Annual Conference of the Cognitive Science Society 41, 2845-2851.

Werning, M., Unterhuber, M., Wiedemann, G. (2019).
Bayesian Pragmatics Provides the Best Quantitative Model of Context Effects on Word Meaning
in EEG and Cloze Data.
Proceedings of the Annual Conference of the Cognitive Science Society 41, 3085-91.

Spychalska, M., & Kontinen, J., Noveck, I., Reimer, L., & Werning, M. (2019).
When numbers are not exact: ambiguity and prediction in the processing of sentences with bare
numerals.
Journal of Experimental Psychology: Learning, Memory, and Cognition 45(7), 1177-1204. [doi:
10.1037/xlm0000644](https://doi.org/10.1037/xlm0000644)
IF=2.669 (2018)

Liefke, K., & Werning, M. (2018).
Evidence for single-type semantics an alternative to e/t-based dual-type semantics.
Journal of Semantics 35(4), 639-685). [doi: 10.1093/jos/ffy009](https://doi.org/10.1093/jos/ffy009).
IF=1.773 (2018)

Werning, M., & Cheng, S. (2018.).
Doing without metarepresentation: Scenario construction explains the epistemic generativity and
privileged status of episodic memory.
Behavioral and Brain Sciences 41. [doi:10.1017/S0140525X17001534](https://doi.org/10.1017/S0140525X17001534).
IF=17.194 (2018)

Ben-Yami, H., Carston, R. & Werning, M. (2018).
Introduction to the 2nd Synthese Special Issue: Trends in Philosophy of Language and Mind.
Synthese 195(8), 3289-3291. [doi: 10.1007/s11229-016-1174-1](https://doi.org/10.1007/s11229-016-1174-1)
IF=1.262 (2018)

Cosentino, E., Baggio, G., Kontinen, J., & Werning, M. (2017).
The time-course of sentence meaning composition. N400 effects of the interaction between
context-induced and lexically stored affordances.
Frontiers in Psychology 8 (818). [doi: 10.3389/fpsyg.2017.00813](https://doi.org/10.3389/fpsyg.2017.00813)
IF=2.089 (2017)

Reuter, K., Werning, M., Kuchinke, L., & Cosentino, E. (2017).
Reading Words Hurts: The impact of pain sensitivity on people's ratings of pain-related words.
Language and Cognition 9(3), 553-567. [doi:10.1017/langcog.2016.29](https://doi.org/10.1017/langcog.2016.29)
IF=1.444 (2017)

Werning, M., & Cosentino, E. (2017).
The interaction of Bayesian pragmatics and lexical semantics in linguistic interpretation: Using
event-related potentials to investigate hearers' probabilistic predictions. In G. Gunzelmann, A.
Howes, T. Tenbrink, & E. Davelaar (Eds.),
Proceedings of the Annual Conference of the Cognitive Science Society 39, 3504-3509.

Spychalska, M., Kontinen, J., & Werning, M. (2016).
Investigating Scalar Implicatures in a Truth-value Judgment Task: Evidence from Event-related
Brain Potentials.
Language, Cognition and Neuroscience 31(6), 817–840. [doi: 10.1080/23273798.2016.1161806](https://doi.org/10.1080/23273798.2016.1161806)
IF=1.852 (2016)

Cheng, S., Werning, M., & Suddendorf, T. (2016).
Dissociating Memory Traces and Scenario Construction in Mental Time Travel.
Neuroscience & Biobehavioral Reviews 60: 82-89. [doi: 10.1016/j.neubiorev.2015.11.011](https://doi.org/10.1016/j.neubiorev.2015.11.011).
IF=8.299 (2016)

Cheng, S., & Werning, M. (2016).
What is Episodic Memory if it is a Natural Kind?
Synthese 193, 1345–1385. [doi: 10.1007/s11229-014-0628-6](https://doi.org/10.1007/s11229-014-0628-6)
IF=0.855 (2016)

Cosentino, E., Werning, M., & Reuter, K. (2015).
Reading Words Hurts: The impact of pain sensitivity on people's ratings of pain-related words.
Proceedings of the Annual Conference of the Cognitive Science Society 37, 453-458.

Spychalska, M., Kontinen, J., Noveck, I., Rösch, L., & Werning, M. (2015).
Exploring the processing costs of the "exactly" and "at least" readings of bare numerals with
event-related brain potentials.
Proceedings of the Annual Conference of the Cognitive Science Society 37, 2260- 2265.

Werning, M., & Cheng, S. (2014).
Is Episodic Memory a Natural Kind? - A Defense of the Sequence Analysis
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