

# Curriculum Vitae

Marie I. Kaiser

Jun.-Prof. Dr.

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Abteilung Philosophie

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## Personal Information

Date of birth: March 16<sup>th</sup>, 1981

Place of birth: Schleswig

Nationality: German

since 10/2016

## Current Position

**Assistant Professor (Juniorprofessorin) for the Philosophy of Science, Abteilung Philosophie, Universität Bielefeld, Germany**

- Interdisciplinary collaboration (e.g., at the *Institute for Interdisciplinary Studies of Science, I<sup>2</sup>SOS*), supervision of students (e.g., at the Graduate School *Ethics and Epistemology of Science*), grant application

- Member of the Scientific Advisory Board of the *Leibniz Center for Science and Society*, University of Hannover

## Areas of Specialization

**Philosophy of Biology:** reductive explanation, causal modeling, complexity, units of selection, evolutionary epistemology & ethics

**Philosophy of Science:** causality, explanation, reductionism, norms in science, philosophical methodology, science & society, interdisciplinarity

**Metaphysics of Scientific Practice:** mechanisms, phenomena, part-whole relations, biological dispositions, biological individuality

## Work Experience

08 – 09/2016

**Visiting Fellow, University of Calgary, Canada**

- Co-investigator of the Templeton Research Group “From Biological Practice to Scientific Metaphysics”

09/2013 – 09/2016

**Postdoctoral Research Fellow, DFG Research Group “Causation and Explanation”, Philosophisches Seminar, Universität zu Köln, Germany**

- Research project on “Causation and Explanation of Complex Biological Systems”

- Interdisciplinary collaboration, conference organization, hosting guests, editorial work, supervision of students, grant application

09/2012 – 08/2013

**Postdoctoral Research Fellow, Département de Philosophie, Université de Genève, Switzerland**

- Interdisciplinary collaboration (e.g., with the Institute of Genetics and Genomics of Geneva (iGE3); formation of the Biological Interest Group)

- Science education (EPFL, College of Technology)

- Editorial work (journal *dialectica*)

- 11/2009 – 08/2012 **Research Fellow, DFG Research Group “Causation and Explanation”, Philosophisches Seminar, Universität zu Köln (since 04/2010) and Westfälische Wilhelms-Universität Münster (hereinafter ‘WWU’)**  
 - Research project on “The Concept of Mechanism in the Life Sciences”  
 - PhD project on “An Ontic Account of Explanatory Reduction in Biology”  
 - Conference organization, hosting guests, interdisciplinary collaboration, grant application, administration
- 01 – 05/2010 + 04/2013 **Visiting Scholar, Minnesota Center for Philosophy of Science, University of Minnesota, USA**
- 05/2007 – 09/2010 **Research Assistant, Philosophisches Seminar, WWU Münster**  
 - PhD project on “An Ontic Account of Explanatory Reduction in Biology”  
 - Assistant to the Head of Department: preparing the evaluation of the department, reforming the BA program in philosophy, administration
- 04/2008 – 09/2009 **Research Assistant, Zentrum für Wissenschaftstheorie, WWU Münster**  
 - Science education (General Studies in BA and BSc programs)  
 - Member of the management: administration, student supervision, grant application, interdisciplinary collaboration, lecture series organization, creating the Center’s website  
 - Designing MA program in philosophy of science
- 10/2003 – 04/2007 **Student Assistant and Tutor, Philosophisches Seminar, WWU Münster**  
 - Class presentations, advising students on essay writing, proofreading, literature search, assistance in editorial work

## Education

- 10/2007 – 07/2012 **PhD studies, Universität zu Köln (since 10/2010)/ WWU Münster**  
 PhD examination in philosophy (Dr. phil.); PhD thesis on “An Ontic Account of Explanatory Reduction in Biology”; Supervisor: Prof. Dr. Andreas Hüttemann; final grade: *summa cum laude (excellent)*
- 04/2005 – 04/2007 **Master studies, WWU Münster**  
 Master of Arts in philosophy, biology (minor), and educational science (minor); interdisciplinary Master thesis on “Pluralistic Approaches in the Units of Selection Debate”; final grade: *1,05 (excellent)*
- 10/2001 – 07/2007 **Teaching profession, WWU Münster**  
 State examination in philosophy and biology (certification as secondary teacher); final grade: *1,2/1,0 (excellent)*

## Publications

## Authored Books

(1) Kaiser, M. I. (2015): *Reductive Explanation in the Biological Sciences* (History, Philosophy and Theory of the Life Sciences; Vol. 16). Cham: Springer. [360 pages]

(2) Kaiser, M. I. (2008): *Die Debatte um die Einheiten der natürlichen Selektion*. Pluralistische Lösungsansätze [Pluralistic Accounts in the Units of Selection Debate]. Saarbrücken: VDM Verlag. [131 pages]

## Edited Books

(3) Kaiser, M. I./ Scholz, O./ Plenge D./ Hüttemann, A. (2014) (eds.): *Explanation in the Special Sciences – The Case of Biology and History* (Synthese Library; Vol. 367). Dordrecht: Springer. [366 pages]

(4) Kaiser, M. I./ Seide, A. (2013) (eds.): *Philip Kitcher – Pragmatic Naturalism*. Frankfurt/Main: ontos. [205 pages]

## Journal Papers

(5) Kaiser, M. I. (2016): “On the Limits of Causal Modeling: Spatially-Structurally Complex Biological Phenomena”, in: *Philosophy of Science* 83: 921-933.

(6) Kaiser, M. I./ Meunier, R./ Kronfeldner, M. (2016): “Problems and Prospects of Interdisciplinarity: The Case of Philosophy of Science”, in: *Interdisciplinary Science Reviews* 41(1): 61-70.

(7) Kaiser, M. I./ Krickel, B. (2016): “The Metaphysics of Constitutive Mechanistic Phenomena”, in: *British Journal for the Philosophy of Science*, DOI: 10.1093/bjps/axv058.

(8) Kaiser, M. I./ Meunier, R./ Kronfeldner, M. (2014a): “Interdisciplinarity in Philosophy of Science”, in: *Journal for General Philosophy of Science* 45: 59-70.

(9) Kaiser, M. I./ Meunier, R./ Kronfeldner, M. (2014b): “Problems and Prospects of Interdisciplinary Philosophy of Science: A Report from the Workbench”, in: *Briefe zur Interdisziplinarität* 15, 32-41.

(10) Netzwerk für Philosophie der Lebenswissenschaften in Deutschland [Network for Philosophy of the Life Sciences in Germany] (2013): “Philosophie der Lebenswissenschaften. Entwicklungen und Tendenzen [Developments and Trends in the Philosophy of the Life Sciences]”, in: *Information Philosophie* 4: 14-27.

(11) Kaiser, M. I. (2011): “Limits of Reductionism in the Life Sciences”, in: *History and Philosophy of the Life Sciences* 33: 453-476.

## Book Chapters

(12) Kaiser, M. I. (forthcoming): “Individuating Part-whole Relations in the Biological World”, in: Bueno, O./ Chen, R.-L./ Fagan, M. B. (eds.): *Individuation across Experimental and Theoretical Sciences*. Oxford: Oxford University Press.

(13) Kaiser, M. I. (in press): “Biological Parts”, in: Burkhardt, H./Seibt, J./ Imaguire, G. (eds.): *Handbook of Mereology*, Philosophia.

(14) Hüttemann, A./ Kaiser, M. I. (in press): “Potentiality in Biology”, in: Engelhard, K./Quante, M. (eds.): *Handbook of Potentiality*, Springer.

(15) Kaiser, M. I. (2017a): “The Components and Boundaries of Mechanisms”, in: Glennan, S./ Illari, P. (eds.): *The Routledge Handbook of Mechanisms and Mechanical Philosophy*. New York: Routledge.

- (16) Kaiser, M. I. (2017b): "Themen aus den Lebenswissenschaften [Topics from the Life Sciences]", in: Schrenk, M. (ed.): *Handbuch Metaphysik* [Handbook Metaphysics]. Stuttgart: Metzler.
- (17) Gebharder, A./ Kaiser, M. I. (2014): "Causal Graphs and Biological Mechanisms", in: Kaiser, M.I. et al. (eds.): *Explanation in the Special Sciences – The Case of Biology and History*. Dordrecht: Springer, 55-86.
- (18) Kaiser, M. I./ Plenge, D. (2014): "Introduction: Points of Contact between Biology and History", in: Kaiser, M.I. et al. (eds.): *Explanation in the Special Sciences – The Case of Biology and History*. Dordrecht: Springer, 1-23.
- (19) Kaiser, M. I. (2014a): "L'explication en biologie [Explanation in Biology]", in: Merlin, F./ Hoquet, T. (eds.): *Précis de Philosophie de la biologie* [Handbook Philosophy of Biology]. Paris: Vuibert Press, 143-155.
- (20) Kaiser, M. I./ Craver, C. F. (2013): "Mechanisms and Laws: Clarifying the Debate", in: Chao, H.-K./ Chen, S.-T./ Millstein, R. (eds.): *Mechanism and Causality in Biology and Economics*. Dordrecht: Springer, 125-145.
- (21) Jung E.-M./ Kaiser, M. I./ Seide, A. (2013): "Well-Ordered Philosophy? Reflections on Kitcher's Proposal for a Renewal of Philosophy", in: Kaiser, M. I./ Seide, A. (eds.): *Philip Kitcher – Pragmatic Naturalism*. Frankfurt/Main: ontos, 161-174.
- (22) Kaiser, M. I. (2012a): "Why It Is Time To Move Beyond Nagelian Reduction", in: Dieks, D./ Gonzalez, W.J./ Hartmann, S./ Stöltzner, M./ Weber, M. (eds.): *Probabilities, Laws, and Structures*. The Philosophy of Science in a European Perspective, Vol. 3. Heidelberg: Springer, 255-272.
- (23) Kaiser, M. I. (2010): "Der evolutionäre Naturalismus in der Ethik [Evolutionary Naturalism in Ethics]", in: Oehler, J. (ed.): *Der Mensch - Evolution, Natur und Kultur: Beiträge zu unserem heutigen Menschenbild* [The Human – Evolution, Nature, and Culture: Contributions to Today's Idea of the Man]. Berlin: Springer, 261-283.
- (24) Göhner, J./ Kaiser, M. I./ Suhm, C. (2008): "Is Simplicity an Adequate Criterion of Theory Choice?", in: Mößner, N./ Schmoranzner, S./ Weidemann, C. (eds.): *Richard Swinburne*. Frankfurt/Main: ontos, 33-45.
- (25) Kaiser, M. I./ Rosenhagen, R./ Suhm, C. (2006): "Experience Becoming Fully Literate. Van Fraassen on the Verge of Constructivism", in: Berg-Hildebrand, A./Suhm, C. (eds.): *The Philosophy of Bas C. van Fraassen*. Frankfurt/Main: ontos, 69-79.
- (26) Backmann, M./ Berg-Hildebrand, A./ Kaiser, M. I./ Pohl, M./ Rosenhagen, R./ Suhm, C. (2005): "Pragmatism, Realism, and Science", in: Vieth, A. (eds.): *Richard Rorty. His Philosophy under Discussion*, Frankfurt/Main: ontos, 65-78.
- (27) Kaiser, M. I. (2015): "Philosophy of Microbiology", in: *International Studies in the Philosophy of Science* 29(2): 224-228.
- (28) Kaiser, M. I. (2014b): "Causality in the Biological Sciences", in: *The Reasoner* 8(3): 28-29.
- (29) Kaiser, M. I. (forthcoming): "Explanation", in: de la Rosa, L. N./ Müller, G. B. (eds.): *Evolutionary Developmental Biology - A Reference Guide*. Cham: Springer.

#### Book Reviews & Conference Reports

#### Encyclopedia Entries

**Dissertation**

(30) Kaiser, M. I. (2013a): "Complexity", in: Dubitzky, W./ Wolkenhauer, O./ Cho, K.-H./ Yokota, H. (eds.): *Encyclopedia of Systems Biology*, Vol. X. New York: Springer, 456-460.

(31) Hüttemann, A./ Kaiser, M. I. (2013b): "Disposition", in: Dubitzky, W./ Wolkenhauer, O./ Cho, K.-H./ Yokota, H. (eds.): *Encyclopedia of Systems Biology*, Vol. X. New York: Springer, 594-597.

(32) Kaiser, M. I. (2013c): "Reduction", in: Dubitzky, W./ Wolkenhauer, O./ Cho, K.-H./ Yokota, H. (eds.): *Encyclopedia of Systems Biology*, Vol. X. New York: Springer, 1827-1830.

(33) Kaiser, M. I. (2012b): "An Ontic Account of Explanatory Reduction in Biology"; PhD thesis, Universität zu Köln (published online via KUPS; <http://kups.ub.uni-koeln.de/6021/>)

All papers are available on my website (<http://marie-kaiser.de/>).

**Third Party Funding**

54.600 EUR

Project: "**The Concept of Mechanism in the Life Sciences**" (HU 843/8-1) in the DFG-Research Group "Causality, Laws, Dispositions, and Explanation at the Intersection of Science and Metaphysics" (FOR 1063); funded by the German Research Foundation (DFG);

*My role:* I **substantially contributed to writing and defending** the project proposal.

124.800 EUR

Project: "**Causation and Explanation of Complex Biological Systems**" (HU 843/8-2) in the DFG-Research Group "Causality, Laws, Dispositions, and Explanation at the Intersection of Science and Metaphysics" (FOR 1063); funded by the German Research Foundation (DFG);

*My role:* I **independently designed, wrote, and defended** the project proposal.

*From the DFG's acceptance letter* (translated): "[This project] asks exactly the right questions and develops interesting answer strategies. In the context of the research group, it is a significant and well characterized project that is in the best hands with the applicant and the employed research fellow (biologist and philosopher)."

**List of Courses Taught****Universität Bielefeld**

Winter term 2016/17

**Do Electrons and Genes Really Exist? The Debate about Scientific Realism**; advanced course, MA philosophy

**Philosophy of Biology**; 1st level course, BA philosophy

**Heinrich-Heine-Universität Düsseldorf**

Summer term 2015

**Metaphysics of Science**; 1st level course, BA philosophy and BA/BSc General Studies

Summer term 2015	<b>Introduction to Metaphysics</b> ; 1st level course, BA philosophy
Winter term 2013/14	<b>Descartes' Meditations</b> ; 1st level course, BA philosophy
	<b>Universität zu Köln</b>
Summer term 2013	<b>Philosophy of the Life Sciences</b> (in English); advanced course, MA science/engineering
	<b>Université de Lausanne, EPFL (College of Technology)</b>
Summer term 2013	<b>Realism, Representation, and Structuralism</b> (in English, with M. Weber); advanced course, MA philosophy
Summer term 2013	<b>Biological Interest Group</b> (in English, with M. Weber); PhD course for philosophers, biologists, and historians of biology
Winter term 2012/13	<b>Biological Interest Group</b> (in English, with M. Weber); PhD course for philosophers, biologists, and historians of biology
	<b>Universität zu Köln</b>
Winter term 2011/12	<b>Philosophy of Biology</b> ; 2nd level course, BA philosophy
	<b>WWU Münster</b>
Summer term 2011	<b>The Philosophy Philip Kitcher's</b> (with A. Seide); advanced course, MA philosophy
Summer term 2010	<b>How Scientists Explain the World</b> ; 3rd level course, BA philosophy
Winter term 2009/10	<b>Why it is so Hard to Be a Reductionist</b> (with A. Hüttemann); advanced course, MA philosophy
Summer term 2009	<b>The Mechanistic Philosophy from the Beginning to Modern Day</b> ; 3rd level course, BA philosophy
	<b>Evolution under Discussion</b> ; 1st to 3rd level course, BA/BSc General Studies
Winter term 2008/09	<b>Introduction to Philosophy of Science</b> ; 1st level course, BA philosophy
	<b>What Characterizes Science?</b> ; 1st to 3rd level course, BA/BSc General Studies
Summer term 2008	<b>The Question of Realism in Biology</b> (with C. Suhm); advanced course, MA philosophy
	<b>Introduction to the Debate about Reductionism</b> ; 3rd level course, BA/BSc General Studies
	<b>Is Darwin Right? The Theory of Evolution in the Social and Scientific Discourse</b> ; 1st to 3rd level course, BA/BSc General Studies
Winter term 2007/08	<b>Introduction to Philosophy of Biology</b> ; 1st level course, BA philosophy
	<b>Problems in Medical Ethics</b> (with C. Runtenberg); advanced course, MA philosophy
Summer term 2007	<b>Theoryladenness of Observation</b> ; advanced course, MA philosophy

## Academic Service

since 10/2016	<b>Leibniz Center for Science and Society, Leibniz Universität Hannover</b> Member of the Scientific Advisory Board
10/2011 – 09/2015	<b>DFG-network “Philosophy of the Life Sciences in Germany”</b> Founding member ( <a href="http://www.philbio.de/">http://www.philbio.de/</a> )
01/2008 – 08/2010	<b>Zentrum für Wissenschaftstheorie, WWU Münster</b> Member of the management
10/2007 – 09/2008	<b>Philosophisches Seminar, WWU Münster</b> Assistant to the Head of Department, Prof. Dr. Ludwig Siep
01/2007 – 01/2008	<b>Zentrum für Wissenschaftstheorie, WWU Münster</b> Member of the managing board

## Supervision of Students

since 2016	<b>Student assistant</b> Milla Lifke (philosophy of physics)
2013-2016	<b>Student assistant</b> Tim Steeger (metaphysics of science)
2009	<b>BA thesis</b> by Lara Remky on “Was Thomas S. Kuhn a Relativist?”
2008	<b>BA thesis</b> by Mira Stobbe on “Alexander Rosenberg’s ‘Darwinian Reductionism’ – A Critical Examination of the Question Whether There Are Laws in Biology” (in English)

## Editorial Work and Refereeing

09/2012 – 08/2014	<b>Journal <i>dialectica</i></b> Member of the Editorial Committee
since 2009	<b>Journals</b> <i>British Journal for the Philosophy of Science, Erkenntnis, History and Philosophy of the Life Sciences, International Studies in the Philosophy of Science, Journal for General Philosophy of Science, MIND, Philosophical Psychology, Philosophical Studies, Philosophy &amp; Theory in Biology, Science &amp; Education, Synthese, Topoi</i>
2015	<b>Volumes</b> <i>Die Philosophien der Einzelwissenschaften</i> , ed. by S. Lohse and T. Reydon
2015	<i>New Developments in Logic and Philosophy of Science</i> , ed. by L. Felline
2014	<i>Handbook of Mereology</i> , ed. by H. Burkhardt, J. Seibt, and G. Imaguire
2017	<b>Conferences</b> <i>EPSA17</i> , University of Exeter; Member of the Program Committee
2016	<i>SPS2016</i> , Université de Lausanne; Member of the Program Committee



2016	GWP.2016, Heinrich-Heine Universität Düsseldorf; Referee
2015	Conference "Hempel and Beyond", Universität zu Köln; Referee
2013	GWP.2013, Leibniz Universität Hannover; Referee
2012	GAP.8, Universität Konstanz; Referee

## Presentations (selection)

### Invited Talks

27/09/2016	" <b>A Case Study in the Metaphysics of Biological Practice: The Parts of the Human Genome</b> "; Center for Philosophy of Science, University of Pittsburgh
16/09/2016	" <b>ENCODE and the Parthood Question</b> "; Department of Philosophy, University of Calgary
25/08/2016	" <b>On the Difference between Machines, Mechanisms, and Biological Objects</b> "; Workshop on "Living Systems?", Copenhagen University
25/11/2015	" <b>On the Limits of Causal Modeling</b> "; Johannes Gutenberg-Universität Mainz
16/07/2015	"Ontologie der Biologie – Was sie ist und wie man sie betreibt [ <b>Ontology of Biology – What It Is and How It Is Done</b> ]"; Ruhr-Universität Bochum
08/07/2015	"Was sind die Teile des menschlichen Genoms [ <b>What Are the Parts of the Human Genome?</b> ]"; Universität Bremen
20/06/2015	" <b>The Metaphysics of Constitutive Mechanistic Phenomena</b> "; Workshop on "Ground in Biology", Université de Genève
12/05/2015	" <b>Why Explanatory Reductionism Cannot Fulfill its Promises</b> "; Workshop on "Unity or Disunity of the Sciences?", Louvain-la-Neuve Université
28/04/2015	" <b>On the Limits of Causal Modeling</b> "; Workshop on "Causation in Biology", University of Copenhagen
09/12/2014	" <b>Individuating Parts and Wholes in Molecular Biology</b> "; Workshop on "Individuation in the Sciences", National Chung Cheng University, Taiwan
25/11/2014	"Wie werden die Teile des menschlichen Genoms individuiert? [ <b>How Are the Parts of the Human Genome Individuated?</b> ]"; Institut für Philosophie, Leibniz Universität Hannover
09/01/2014	" <b>On the Limitations of Reductionism</b> "; IHPST, Sorbonne Université, Paris
05/12/2013	" <b>Part-whole Relations in the Biological Sciences</b> "; Workshop on "Organisms, Machines, and Mechanisms", Université de Genève
07/10/2013	" <b>Dimensions of Normativity in Philosophy of Science</b> "; Center for Science Studies, Aarhus University
10/09/2013	" <b>The Metaphysics of Mechanistic Explanation</b> " (with B. Krickel); Workshop on "Inter-Level Relations in Cognitive Neuroscience", Universität zu Köln
01/07/2013	" <b>Biological Parts and Levels</b> "; Workshop on "After Functionalism: Realization, Embodiment, and Biofunctions", Université de Lausanne
22/06/2013	" <b>The Metaphysics of Explanation</b> "; Workshop on "Metaphysical Explanations", Université de Neuchâtel
31/05/2013	" <b>Modeling Biological Mechanisms with Causal Graphs</b> "; Workshop on "Mind and Life: Mechanistic and Topological Perspectives", Belgrade University



- 18/02/2013 “**An Ontic Account of Explanatory Reduction**”; PHILEAS, Université de Genève
- 17/10/2012 “**Reductive Explanation in Biology**”; Conference “New Directions in the Philosophy of Science”, Università di Bologna
- 13/07/2012 “**Reductive Explanation in Biology**”; Workshop on “The Metaphysics of Mind and Brain”, Humboldt-Universität Berlin
- 27/10/2011 “**Well-Ordered Philosophy? Reflections on Kitcher’s Proposal for a Renewal of Philosophy**” (with E.-M. Jung and A. Seide); 15<sup>th</sup> Münster Lectures for Philosophy, WWU Münster
- 19/10/2011 “**Dispositions and Causal Processes in Biology**” (with A. Hüttemann); Workshop on “Causation and Complexity in Biology and Beyond”, Norwegian University of Life Sciences (UMB)
- 08/06/2010 “**Explanatory Reduction in Biology**”; Workshop on “Cells – What do you know?”, Institut für Systembiologie und Bioinformatik, Universität Rostock
- 07/11/2009 “Der evolutionäre Naturalismus in der Ethik und seine Grenzen [**The Boundaries of Evolutionary Naturalism in Ethics**]”; Conference on “Darwin – Die Evolution und unser heutiges Bild vom Menschen”, Deutsches Hygiene Museum Dresden
- 22/05/2009 “Was ist Philosophie der Biologie? [**What Is Philosophy of Biology?**]”; Interdisciplinary workshop “ExCell”, Universität Rostock
- Conference Presentations**
- 30/06/2016 “**Metaphysics of Biological Practice and the Challenge of Pluralism**”; SPS2016, Université de Lausanne
- 11/03/2016 “**Normativity in the Philosophy of Science**”; GWP.2016, Heinrich-Heine-Universität Düsseldorf
- 18/12/2015 “**A Case Study in the Metaphysics of Biological Practice: ENCODE and the Parthood Question**”; New Trends in the Metaphysics of Science, Sorbonne Université, Paris
- 25/09/2015 “**On the Limits of Causal Modeling**”; EPSA 15, Heinrich-Heine-Universität Düsseldorf
- 14/09/2015 “**On the Limits of Causal Modeling**”; GAP.9, Universität Osnabrück
- 06/07/2015 “**ENCODE and the Parthood Question**”; ISHPSSB 2015, University of Montreal
- 08/10/2014 “**Modeling Spatially and Structurally Complex Mechanisms**”; PSA 2014, Chicago
- 28/08/2013 “**On the Merits and Limits of Reductive Explanation**”; EPSA 13, University of Helsinki
- 08/07/2013 “**Why and How Biological Practice Matters to a Philosophical Analysis of Epistemic Reduction**”; ISHPSSB 2013, University of Montpellier
- 11/03/2013 “**How Normative Is Philosophy of Science?**”; GWP.2013, Leibniz Universität Hannover
- 19/09/2012 “**Reductive Explanation in Biology**”; GAP.8, Universität Konstanz
- 12/09/2012 “**Computational and Mathematical Models – Comment**”; Second EASPLS “Models in the Life Sciences”, Brocher Foundation Geneva

- 12/09/2011 “**Against an One Dimensional Understanding of Reduction in Biology**”; XXII. Deutscher Kongress für Philosophie, Ludwig-Maximilians-Universität München
- 10/09/2010 “**The Diversity of Explanatory Reduction in Biology**”; First EASPLS “Causation and Disease in the Postgenomic Era”, Brocher Foundation Geneva
- 17/09/2009 “Ein mechanistisches Verständnis explanatorischer Reduktion [**A Mechanistic Understanding of Explanatory Reduction**]”; GAP.7; Universität Bremen

### Conference Organization

- 27-31/07/2015 Interdisciplinary Summer school on “**Individuality in the Life Sciences**”; Gut Sigger; hosted by the Alfred Toepfer Stiftung F.V.S., funded by the Volkswagen Foundation (with T. Reydon, C. Sachse, M. Scharck)
- 29/06/2015 Workshop on “**How to Naturalize Metaphysics**”; hosted by the Universität zu Köln, funded by the DFG
- 10/04/2015 Workshop on “**Causality and Causal Explanation in the Sciences**”; hosted by the Universität zu Köln, funded by the DFG
- 30/09/2014 Interdisciplinary workshop on “**Explanatory Integration in Developmental Biology**”; hosted by the Universität zu Köln, funded by the DFG
- 08-11/09/2014 Conference on “**Complexity and Causality in the Sciences**”; part of the Causality in the Sciences (CitS) conference series; hosted by the Universität zu Köln, funded by the DFG (with A. Reutlinger)
- 17/01/2014 Workshop on “**Causality in the Biological Sciences**”; hosted by the Universität zu Köln, funded by the DFG
- 18/07/2013 Workshop on “**Mechanisms and Causation**”; hosted by the Universität zu Köln, funded by the DFG
- 13/03/2013 Panel Discussion at the GWP.2013 on “**Caught between a Rock and a Hard Place: Prospects and Problems of Careers between Philosophy and Science**”; hosted by the Leibniz Universität Hannover, funded by the Andrea von Braun Stiftung (with M. Kronfeldner)
- 20/07/2012 Workshop on “**Complex Systems**”; hosted by the Universität zu Köln, funded by the DFG
- 26-28/10/2011 15<sup>th</sup> Münster Lectures for Philosophy “**The Philosophy of Philip Kitcher**”; hosted by the WWU Münster, funded by the ontos Verlag (with A. Seide)
- 05/07/2011 Workshop on “**Sandra Mitchell’s ‘Unsimple Truths’**”; hosted by the Universität zu Köln, funded by the DFG
- 16/03/2011 Workshop on “**The New Mechanistic Philosophy**”; hosted by the Universität zu Köln, funded by the DFG
- 30/09-03/10/2010 Conference on “**Explanation in the Special Sciences – The Case of Biology and History**”; hosted by the Universität zu Köln, funded by the DFG
- Summer term 2009 Interdisciplinary lecture series on “**Is Darwin Right?**”; hosted by the WWU Münster, funded by the ZfW and the CfB (with J. Ach)
- 21-23/07/2008 Conference on “**Scientific Knowledge in the Context of Thought Style and Paradigm**”; hosted by the WWU Münster, funded by the ZfW and the MPI for History of Science Berlin (with O. Engler, N. Mößner, C. Suhm)

Winter term 2007/08  
26-28/11/2007

Lecture series “**Institutskolloquium**”; hosted by the WWU Münster  
Workshop on “**Causality and Dispositions**”; hosted by the WWU  
Münster, (with A. Hüttemann, M. Schrenk)

13-15/07/2007

Workshop on “**The Nature of Scientific Evidence**”; hosted by the WWU  
Münster, funded by the ZfW (with N. Mößner, C. Suhm)

## Affiliations

Deutsche Gesellschaft für Philosophie (DGPhil)  
European Philosophy of Science Association (EPSA)  
Gesellschaft für Analytische Philosophie (GAP)  
Gesellschaft für Wissenschaftsphilosophie (GWP)  
Institute for Interdisciplinary Studies of Science (I<sup>2</sup>SoS), Universität  
Bielefeld  
Society for Women in Philosophy (SWIP) Germany e.V.  
Zentrum für Wissenschaftstheorie (ZfW), WWU Münster

## Languages

German (mother tongue)  
English (fluent in spoken and written)  
Danish (used to be my second mother tongue, out of practice)  
Latin (fair)

## References

Professor Andreas Hüttemann  
Universität zu Köln, Philosophisches Seminar  
Albertus-Magnus-Platz 1, 50923 Köln, Germany  
ahuettem@uni-koeln.de

Professor C. Kenneth Waters  
University of Calgary, Faculty of Arts  
2500 University Dr. NW, Calgary, Alberta, Canada  
ckwaters@ucalgary.ca

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