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Center for Philosophy, Science, and Policy (CPSP)  
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# Curriculum Vitae

## *Alexander Gebharter*

### Personal Information

- Date of birth: Nov. 02, 1983
- Nationality: Austria
- Married (to Lucia)
- Two children (Esmeralda and Frederik)

### Areas of Specialization

- Philosophy of Science
- Philosophy of Mind
- Epistemology
- Metaphysics

### Areas of Competence

- Philosophy of AI
- Logic and Methodology
- History of Analytic Philosophy

## Employment

- 08/'25 – Associate Professor at the Department of Biomedical Sciences and Public Health, Faculty of Medicine and Surgery, Marche Polytechnic University ([UNIVPM](#)), Italy.
- 08/'22 – 07/'25 Assistant Professor (RTDb) at the Department of Biomedical Sciences and Public Health, Faculty of Medicine and Surgery, Marche Polytechnic University ([UNIVPM](#)), Italy.
- 10/'20 – 07/'22 Principal Investigator at the Munich Center for Mathematical Philosophy ([MCMP](#)), Faculty of Philosophy, Philosophy of Science and Study of Religion, Ludwig Maximilian University of Munich ([LMU](#)), Germany.
- 10/'18 – 09/'20 Postdoctoral Researcher at the Department of Theoretical Philosophy, Philosophical Faculty, University of Groningen ([RUG](#)), Netherlands.
- 10/'10 – 09/'18 Research Fellow at the Düsseldorf Center for Logic and Philosophy of Science ([DCLPS](#)), Department of Philosophy, Faculty of Arts and Humanities, Heinrich Heine University Düsseldorf ([HHUD](#)), Germany.
- 04/'10 – 05/'10 Research Assistant, Department of Philosophy, Faculty of Cultural and Social Sciences, [University of Salzburg](#), Austria.
- 10/'08 – 01/'09 Teaching Assistant, Department of Philosophy, Faculty of Cultural and Social Sciences, University of Salzburg, Austria.
- 10/'07 – 02/'08 Tutor, Department of Philosophy, Faculty of Cultural and Social Sciences, University of Salzburg, Austria.

## Involvement in Research Projects

- 07/'24 – External member of the [SNF](#) (Swiss National Science Foundation) and [DFG](#) (German Research Foundation) funded research project *Beyond Causal Exclusion: New Challenges for Multi-Level Causal Models*.
- 11/'23 – 02/'26 Principal Investigator of the [PRIN](#) PNR research unit *Controlling and Utilizing Uncertainty in the Health Sciences* (CUP I53D23006890001), funded by the Ministero dell'Università e della Ricerca ([MUR](#)) and the [European Commission](#).
- 10/'18 – 12/'23 External member of the [DFG](#) (German Research Foundation) funded research unit *Inductive Metaphysics* ([FOR 2495](#)).
- 08/'22 – 09/'23 External member of the [DFG](#) funded research project *Interventions and Mechanistic Hierarchies* (project number 441311834).
- '18 – '22 External member of the [ANR](#) (French National Research Agency) funded research project *Insights from Bolzano*.
- 10/'20 – 07/'22 Principal Investigator of the [DFG](#) funded research project *Interventions and Mechanistic Hierarchies* (project number 441311834).
- 04/'17 – 09/'18 Member of the [DFG](#) funded research unit *Inductive Metaphysics* ([FOR 2495](#)), sub-project B5: *Statistical Causation, Intervention, and Freedom*.

## Involvement in Research Projects (continued)

- 01/'13 – 12/'15 Member of the DFG funded research unit *Causation, Laws, Dispositions, Explanation: At the Intersection of Science and Metaphysics* (FOR 1063), subproject P1: *Causality and its Empirical Applications*.
- 10/'10 – 12/'12 Member of the DFG funded research unit *Causation, Laws, Dispositions, Explanation: At the Intersection of Science and Metaphysics* (FOR 1063), subproject P1: *Causality and Explanation*.

## Education

- 12/'23 Italian Habilitation Fascia I (qualification as Full Professor) for Sector 11/C2 – Logic, History and Philosophy of Science, Ministero dell'Università e della Ricerca, Italy.
- 02/'23 Italian Habilitation Fascia II (qualification as Associate Professor) for Sector 11/C2 – Logic, History and Philosophy of Science, Ministero dell'Università e della Ricerca, Italy.
- 01/'16 Doctor philosophiae (graduation with distinction: summa cum laude; supervisor #1: G. Schurz, supervisor #2: M. Schrenk), Department of Philosophy, Faculty of Arts and Humanities, [Heinrich Heine University Düsseldorf](#), Germany.
- 07/'10 Magister philosophiae (graduation with distinction; supervisor: R. Kleinknecht), Department of Philosophy, Faculty of Cultural and Social Sciences, [University of Salzburg](#), Austria.

## Funding, Scholarships, and Awards

### *Grants, Fellowships, Scholarships, and Awards*

- 10/'21 Visiting Lecturer in the ITMO Fellowship & Professorship Program (together with C. J. Feldbacher-Escamilla; EUR 2.000,–) at the Information Technologies, Mechanics and Optics University (ITMO), Saint Petersburg, Russia.
- 09/'20 Visiting Lecturer in the ITMO Fellowship & Professorship Program (together with C. J. Feldbacher-Escamilla; EUR 2.000,–) at the Information Technologies, Mechanics and Optics University (ITMO), Saint Petersburg, Russia.
- 09/'18 Travel Grant (\$ 97,74) for the *26th Biennial Meeting of the Philosophy of Science Association* (PSA 2018), Seattle, United States of America.
- 02/'17 Best Ph.D. Thesis Prize (EUR 2.500,–) for *Causal nets: Content, warrant, interventions, and mechanisms*. Awarded from the Faculty of Arts and Humanities, [Heinrich Heine University Düsseldorf](#).
- 09/'12 GAP.8 Best Paper Award (EUR 250,–) for an earlier version of *A formal framework for representing mechanisms?* Awarded from the German Society for Analytic Philosophy (GAP).
- 12/'10 Excellence Scholarship (EUR 1.170,–). Awarded from the [University of Salzburg](#).

## Funding, Scholarships, and Awards (continued)

### *Funding for Research Projects*

- 08/'23 Funding (together with L. Rossi; EUR 224.485,-) for the PRIN research unit *Controlling and Utilizing Uncertainty in the Health Sciences* (CUP I53D23006890001). Funding granted by the Ministero dell'Università e della Ricerca (MUR) and the European Commission.
- 03/'20 Funding (EUR 306.050,-) for the research project *Interventions and Mechanistic Hierarchies* (project number 441311834). Funding granted by German Research Foundation (Deutsche Forschungsgemeinschaft; DFG).
- 12/'16 Funding (together with G. Schurz; EUR 220.000,-) for subproject B5: *Statistical Causation, Intervention, and Freedom* of the research unit *Inductive Metaphysics* (FOR 2495). Funding granted by German Research Foundation (Deutsche Forschungsgemeinschaft; DFG).
- 08/'12 Funding (together with G. Schurz; EUR 234.550,-) for subproject P1: *Causality and its Empirical Applications* of the research unit *Causation, Laws, Dispositions, Explanation: At the Intersection of Science and Metaphysics* (FOR 1063). Funding granted by German Research Foundation (Deutsche Forschungsgemeinschaft; DFG).

### *Funding for Conferences and Workshops*

- '10 – '22 Funding (EUR 21.200,-) for the annual *Salzburg Conference for Young Analytic Philosophy* (SOPhiA; years 2010 – 2019; 2021 – 2025). Granted by De Gruyter, German Society for Analytic Philosophy (GAP), German Society for Philosophy of Science (GWP), Mentis, Metzler, Nomos, Salzburg City, Salzburg Country, and University of Salzburg.
- '16 Funding (together with G. Schurz, Christian, A., & C. J. Feldbacher; EUR 450,-) for the *2nd International Conference of the German Society for Philosophy of Science* (GWP.2016). Funding granted by De Gruyter, Mentis, and Metzler.
- '15 Funding (together with G. Schurz, & C. J. Feldbacher; EUR 1.050,-) for the *5th Conference of the European Philosophy of Science Association* (EPSA15). Funding granted by De Gruyter and Mentis.

## Professional Activities

- 04/'24 – Expert Reviewer for the *Alexander von Humboldt Foundation*.
- 08/'22 – Co-Director of the Center for Philosophy, Science, and Policy (CPSP) at the Department of Biomedical Sciences and Public Health, Faculty of Medicine and Surgery, Marche Polytechnic University (UNIVPM), Italy.
- 04/'18 – Editor for the categories *Causal Reasoning*, *Causal Modeling*, *Causal Reasoning (Misc)* at PhilPapers ([www.philpapers.org](http://www.philpapers.org)).
- 07/'15 – Editor-in-Chief of *Kriterion – Journal of Philosophy*.
- 09/'25 Member of the Selection Committee for a Researcher Position (Assegno di Ricerca) at the Department of Biomedical Sciences and Public Health, Marche Polytechnic University (UNIVPM), Italy.

## Professional Activities (continued)

- 03/'16 – 03/'25 Member of the Steering Committee and Treasurer of the *German Society for Philosophy of Science (GWP)*.
- 11/'24 Member of the Selection Committee for a Researcher Position (Assegno di Ricerca) at the Department of Biomedical Sciences and Public Health, Marche Polytechnic University (UNIVPM), Italy.
- 09/'24 Member of the Selection Committee for a Researcher Position (Assegno di Ricerca) at the Department of Biomedical Sciences and Public Health, Marche Polytechnic University (UNIVPM), Italy.
- 01/'24 Member of the Selection Committee for a Researcher Position (Assegno di Ricerca) at the Department of Biomedical Sciences and Public Health, Marche Polytechnic University (UNIVPM), Italy.
- 01/'22 – 03/'22 Member of the Selection Committee for an Assistant Professor Position at the Munich Center for Mathematical Philosophy (MCMP), Ludwig Maximilian University of Munich (LMU), Germany.
- 03/'11 – 06/'15 Member of the Editorial Board of *Kriterion – Journal of Philosophy*.
- 07/'07 – 06/'11 Chairman of the Philosophy Students' Representative Body, Department of Philosophy, University of Salzburg, Austria.
- '06 – '07 Member of the Habilitation Committee Mag. Dr. Hans-Peter Leeb, Department of Philosophy, University of Salzburg, Austria.
- 07/'05 – 06/'07 Member of the Philosophy Students' Representative Body, Department of Philosophy, University of Salzburg, Austria.

### *Reviewing (resubmissions not counted)*

- Journals (102x) *Abstracta – Linguagem, Mente e Ação* (2x), *American Philosophical Quarterly* (3x), *Analysis* (1x), *Analytic Philosophical* (1x), *Australasian Journal of Philosophy* (4x), *British Journal for the Philosophy of Science* (9x), *Dialectica* (4x), *Erkenntnis* (10x), *European Journal for Philosophy of Science* (5x), *Filozofia Nauki* (1x), *Foundations of Science* (2x), *History and Philosophy of the Life Sciences* (1x), *International Studies in the Philosophy of Science* (1x), *Journal for General Philosophy of Science* (1x), *Kriterion – Journal of Philosophy* (18x), *Logic and Philosophy of Science* (1x), *Logical Analysis and History of Philosophy* (1x), *Mind* (1x), *Mind & Language* (1x), *Minds and Machines* (1x), *Philosophical Papers* (1x), *Philosophical Psychology* (3x), *Philosophical Quarterly* (2x), *Philosophical Review* (1x), *Philosophical Studies* (3x), *Philosophy of Science* (4x), *Revista Teorema* (1x), *Southern Journal of Philosophy* (1x), *Studia Logica* (1x), *Studies in History and Philosophy of Science* (3x), *Synthese* (14x), *Theoria* (1x), *Theoria – An International Journal for Theory, History and Foundations of Science* (1x)
- Publishers *Routledge* (1x), *Springer* (1x)
- Funding Orgs (4x) *European Research Council (ERC)* (1x), *Research Foundation Flanders (FWO)* (1x), *Swiss National Science Foundation (SNSF)* (2x)

## Professional Activities (continued)

Conferences (27x)      *2nd International Conference of the German Society for Philosophy of Science (GWP.2016), 3rd International Conference of the German Society for Philosophy of Science (GWP.2019), 4th International Conference of the German Society for Philosophy of Science (GWP.2022), 5th International Conference of the German Society for Philosophy of Science (GWP.2025), 11th International Conference of the Society for Analytic Philosophy (GAP.11), 12th International Conference of the Society for Analytic Philosophy (GAP.12), 17th conference on Theoretical Aspects of Rationality and Knowledge (TARK19), Bayes By the Sea (2019 & 2020), Bayesian Epistemology: Perspectives and Challenges (BEPC 2020), Causality and Complexity in the Sciences (CaCitS), Cognitive Structures: Linguistic, Philosophical and Psychological Perspectives (CoSt16), Cognitive Structures 2018: Linguistic, Philosophical and Psychological Perspectives (CoSt18), Models of Explanation (ModExp2018), Salzburg Conference for Young Analytic Philosophy (SOPhiA; years 2010 – 2019; 2021 – 2026)*

### *Membership in Academic Organizations*

*Austrian Association for Philosophy (ÖGP), British Society for the Philosophy of Science (BSPS), East European Network for Philosophy of Science (EENPS), European Philosophy of Science Association (EPSA), European Society for Analytic Philosophy (ESAP), German Society for Philosophy (DGPhil), German Society for Analytic Philosophy (GAP), German Society for Philosophy of Science (GWP), International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB), Italian Society for Logic and the Philosophy of Science (SILFS), Philosophy of Science Association (PSA), Society for Philosophy of Causation (SPOC), Society for Philosophy of Time (SPoT)*

### *Other Memberships*

- 08/'22 – External member of the Munich Center for Mathematical Philosophy (MCMP), Ludwig Maximilian University of Munich (LMU), Germany.
- 10/'20 – External member of the Department of Theoretical Philosophy, University of Groningen, Netherlands.
- 10/'18 – External member of the Düsseldorf Center for Logic and Philosophy of Science (DCLPS), Heinrich Heine University Düsseldorf, Germany.

## Publications

### *Books*

1. Gebharter, A. (2017). *Causal nets, interventionism, and mechanisms: Philosophical foundations and applications*. Synthese Library 381. Cham: Springer. doi:10.1007/978-3-319-49908-6

## Publications (continued)

### *Peer-Reviewed Articles*

38. Gebharter, A., & Sikorski, M. (forthcoming). The relevance principle from a causal perspective. *European Journal for Philosophy of Science*.
37. Gebharter, A., Feldbacher-Escamilla, C. J., & Sikorski, M. (2026). A causal theory of suppositional reasoning. *Philosophical Studies*. Advance online publication. doi:10.1007/s11098-025-02472-z
36. Gebharter, A., & Osimani, B. (2026). The formal structure(s) of analogical inference. *Erkenntnis*, 91, 923–953. doi:10.1007/s10670-025-00934-8
35. Gebharter, A., & Hüttemann, A. (2025). Causal Bayes nets and token-causation: Closing the gap between token-level and type-level. *Erkenntnis*, 90, 43–65. doi:10.1007/s10670-023-00684-5
34. Gebharter, A., & Sekatskaya, M. (2025). Probabilistic supervenience and agential possibilities. *Philosophical Explorations*, 28(3), 245–264. doi:10.1080/13869795.2025.2502373
33. Sikorski, M., Gebharter, A., & Osimani, B. (2025). Redefining representativeness of a sample in causal terms. *Journal of Evaluation in Clinical Practice*, 31(4), e70137. doi:10.1111/jep.70137
32. Sikorski, M., & Gebharter, A. (2025). The criminalist’s paradox as a counterexample to the principle of total evidence. *British Journal for the Philosophy of Science*. Advance online publication. doi:10.1086/735282
31. Gebharter, A., & Leuridan, B. (2024). Modelling cyclic causal structures. In P. M. K. Illari, & F. Russo (Eds.), *Routledge handbook of causality and causal methods* (pp. 269–280). Routledge. doi:10.4324/9781003528937-30
30. Gebharter, A., & Sekatskaya, M. (2024). Mental causation, interventionism, and probabilistic supervenience. *Synthese*, 203, 206. doi:10.1007/s11229-024-04608-w
29. Sekatskaya, M., & Gebharter, A. (2024). Supervenient fixity and agential possibilities. *Theoria*, 90(4), 400–416. doi:10.1111/theo.12551
28. Gebharter, A., & Eronen, M. I. (2023). Quantifying proportionality and the limits of higher-level causation and explanation. *British Journal for the Philosophy of Science*, 74(3), 573–601. doi:10.1086/714818
27. Gebharter, A., & Feldbacher-Escamilla, C. J. (2023). Unification and explanation from a causal perspective. *Studies in History and Philosophy of Science*, 99, 28–36. doi:10.1016/j.shpsa.2022.12.005
26. Gebharter, A. (2022). A causal Bayes net analysis of Glennan’s mechanistic account of higher-level causation (and some consequences). *British Journal for the Philosophy of Science*, 73(1), 185–210. doi:10.1093/bjps/axz034
25. Gebharter, A., Sekatskaya, M., & Schurz, G. (2022). Free will, control, and the possibility to do otherwise from a causal modeler’s perspective. *Erkenntnis*, 87(4), 1889–1906. doi:10.1007/s10670-020-00281-w
24. de Grefte, J., & Gebharter, A. (2021). The causal theory of knowledge revisited: An interventionist approach. *Ratio*, 34(3), 193–202. doi:10.1111/rati.12304

## Publications (continued)

23. Gebharter, A., & Fischer, F. (2021). A causal Bayes net analysis of dispositions. *Synthese*, 198(5), 4873–4895. doi:10.1007/s11229-019-02374-8
22. Gebharter, A., & Koch, D. (2021). Combining causal Bayes nets and cellular automata: A hybrid modelling approach to mechanisms. *British Journal for the Philosophy of Science*, 72(3), 839–864. doi:10.1093/bjps/axy049
21. Henderson, L., & Gebharter, A. (2021). The role of source reliability in belief polarisation. *Synthese*, 199(3–4), 10253–10276. doi:10.1007/s11229-021-03244-y
20. Feldbacher-Escamilla, C. J., & Gebharter, A. (2020). Confirmation based on analogical inference: Bayes meets Jeffrey. *Canadian Journal of Philosophy*, 50(2), 174–194. doi:10.1017/can.2019.18
19. Gebharter, A. (2020). Free will as a higher-level phenomenon? *Thought: A Journal of Philosophy*, 9(3), 177–187. doi:10.1002/tht3.461
18. Gebharter, A., & Retzlaff, N. (2020). A new proposal how to handle counterexamples to Markov causation à la Cartwright, or: Fixing the chemical factory. *Synthese*, 197(4), 1467–1486. doi:10.1007/s11229-018-02014-7
17. Feldbacher-Escamilla, C. J., & Gebharter, A. (2019). Modeling creative abduction Bayesian style. *European Journal for Philosophy of Science*, 9(1), 9. doi:10.1007/s13194-018-0234-4
16. Gebharter, A., Graemer, D., & Scheffels, F. H. (2019). Establishing backward causation on empirical grounds: An interventionist approach. *Thought: A Journal of Philosophy*, 8(2), 129–138. doi:10.1002/tht3.414
15. Gebharter, A. (2017). Causal exclusion and causal Bayes nets. *Philosophy and Phenomenological Research*, 95(2), 353–375. doi:10.1111/phpr.12247
14. Gebharter, A. (2017). Causal exclusion without physical completeness and no overdetermination. *Abstracta – Linguagem, Mente e Ação*, 10, 3–10.
13. Gebharter, A. (2017). Uncovering constitutive relevance relations in mechanisms. *Philosophical Studies*, 174(11), 2645–2666. doi:10.1007/s11098-016-0803-3
12. Koch, D., Eisinger, R., & Gebharter, A. (2017). A causal Bayesian network model of disease progression mechanisms in chronic myeloid leukemia. *Journal of Theoretical Biology*, 433, 94–105. doi:10.1016/j.jtbi.2017.08.023
11. Baumgartner, M., & Gebharter, A. (2016). Constitutive relevance, mutual manipulability, and fat-handedness. *British Journal for the Philosophy of Science*, 67(3), 731–756. doi:10.1093/bjps/axv003
10. Gebharter, A. (2016). Another problem with RBN models of mechanisms. *Theoria – An International Journal for Theory, History and Foundations of Science*, 31(2), 177–188. doi:10.1387/theoria.14502
9. Gebharter, A., & Schurz, G. (2016). A modeling approach for mechanisms featuring causal cycles. *Philosophy of Science*, 83(5), 934–945. doi:10.1086/687876

## Publications (continued)

8. Schurz, G., & Gebharder, A. (2016). Causality as a theoretical concept: Explanatory warrant and empirical content of the theory of causal nets. *Synthese*, 193(4), 1073–1103. doi:10.1007/s11229-014-0630-z
7. Gebharder, A. (2014). A formal framework for representing mechanisms? *Philosophy of Science*, 81(1), 138–153. doi:10.1086/674206
6. Gebharder, A., & Kaiser M. I. (2014). Causal graphs and biological mechanisms. In M. I. Kaiser, O. Scholz, D. Plenge, & A. Hüttemann (Eds.), *Explanation in the special sciences: The case of biology and history* (pp. 55–85). Synthese Library 367. Dordrecht: Springer. doi:10.1007/978-94-007-7563-3\_3
5. Gebharder, A., & Schurz, G. (2014). How Occam’s razor provides a neat definition of direct causation. In J. M. Mooij, D. Janzing, J. Peters, T. Claassen, & A. Hyttinen (Eds.), *Proceedings of the UAI workshop Causal Inference: Learning and Prediction*. Retrieved from [http://ceur-ws.org/Vol-1274/uai2014ci\\_paper1.pdf](http://ceur-ws.org/Vol-1274/uai2014ci_paper1.pdf)
4. Gebharder, A. (2013). Solving the flagpole problem. *Journal for General Philosophy of Science*, 44(1), 63–67. doi:10.1007/s10838-013-9208-6
3. Gebharder, A., & Mirnig, A. G. (2011). The argument from hallucination in the light of modern formal philosophy. In S. Alpsancar, & K. Denker (Eds.), *Tagungsband der Nachwuchstagungen für Junge Philosophie in Darmstadt* (pp. 85–96). Marburg: Tectum.
2. Gebharder, A., & Mirnig, A. G. (2010). Disjunctivism: An answer to two pseudo problems? *Conceptus*, 39(95), 61–84. doi:10.1515/cpt-2010-9503
1. Gebharder, A., & Mirnig, A. G. (2010). From a mereotopological point of view: Putting the scientific magnifying glass on Kant’s first antinomy. *Kriterion – Journal of Philosophy*, 23(1), 64–85. doi:10.1515/krt-2010-012306

### *Edited Volumes*

7. Sikorski, M., Gebharder, A., & Osimani, B. (Eds.). (forthcoming). Probabilistic reasoning in the sciences [Topical collection]. *Synthese*.
6. Engelhard, K., Feldbacher-Escamilla, C. J., Gebharder, A., & Seide, A. (Eds.). (2021). Inductive metaphysics: Contemporary and historical issues [Special issue]. *Grazer Philosophische Studien*, 98(1).
5. Feldbacher-Escamilla, C. J., Gebharder, A., Brössel, P., & Werning, M. (Eds.). (2020). Logical perspectives on science and cognition [Special issue]. *Synthese*, 197(4).
4. Feldbacher-Escamilla, C. J., Gebharder, A., & Schurz, G. (Eds.). (2017). Selected papers of the second conference of the German Society for Philosophy of Science (GWP), Düsseldorf, March 8–11, 2016 [Special issue]. *Journal for General Philosophy of Science*, 48(3).
3. Gebharder, A., & Schurz, G. (Eds.). (2016). Causation, probability, and truth – the philosophy of Clark Glymour [Special issue]. *Synthese*, 193(4).

## Publications (continued)

2. Gebharder, A., & Schurz, G. (Eds.). (2014). Explanation, causality, and unification [Monographic section]. *Theoria – An International Journal for Theory, History and Foundations of Science*, 29(1), 3–82.
1. Anglberger, A. J. J., Feldbacher, C. J., Gebharder, A., & Gugerell, S. H. (Eds.). (2011). Salzburg Conference for Young Analytic Philosophy 2010 [Special issue]. *Kriterion – Journal of Philosophy*, 25(1).

### *Other Publications*

19. Sikorski, M., Gebharder, A., & Osimani, B. (2025). Probabilistic reasoning in the sciences [Conference report]. *The Reasoner*, 19(1), 57–61. doi:10.54103/1757-0522/27544
18. Feldbacher-Escamilla, C. J., & Gebharder, A. (2021). Introduction [Editorial]. *Kriterion – Journal of Philosophy*, 35(1), 1–4. doi:10.1515/krt-2021-0001
17. Engelhard, K., Feldbacher-Escamilla, C. J., Gebharder, A., & Seide, A. (2021). Inductive metaphysics: Editors’ introduction [Introduction]. *Grazer Philosophische Studien*, 98(1), 1–26. doi:10.1163/18756735-00000129
16. Feldbacher-Escamilla, C. J., Gebharder, A., Brössel, B., & Werning, M. (20120). Introduction to the special issue “Logical perspectives on science and cognition” [Introduction]. *Synthese*, 197(4), 1381–1390. doi:10.1007/s11229-019-02334-2
15. Christian A., Feldbacher-Escamilla, C. J., & Gebharder, A. (2017). The second international conference of the German Society for Philosophy of Science (GWP.2016), 8–11 March 2016 [Conference report]. *Journal for General Philosophy of Science*, 48(2), 289–291. doi:10.1007/s10838-016-9358-4
14. Feldbacher-Escamilla, C. J., Gebharder, A., & Schurz, G. (2017). Philosophy of science between the natural sciences, the social sciences, and the humanities [Introduction]. *Journal for General Philosophy of Science*, 48(3), 317–326. doi:10.1007/s10838-017-9378-8
13. Christian, A., Feldbacher, C. J., & Gebharder, A. (2016). Spotlight on the Düsseldorf Center for Logic and Philosophy of Science (DCLPS). *EPSA Newsletter*. Retrieved March 1, 2016, from <http://philsci.eu/Newsletter-01-2016-Spotlight-on-Research>
12. Gebharder, A., & Schurz, G. (2016). Introduction to the special issue “Causation, probability, and truth – the philosophy of Clark Glymour” [Introduction]. *Synthese*, 193(4), 1007–1010. doi:10.1007/s11229-015-1007-7
11. Schurz, G., & Gebharder, A. (2016). Erratum to: Causality as a theoretical concept: Explanatory warrant and empirical content of the theory of causal nets [Erratum]. *Synthese*, 193(4), 1105–1106. doi:10.1007/s11229-016-1019-y
10. Christian, A., Feldbacher, C. J., Gebharder, A., & Retzlaff, N. (2015). European Philosophy of Science Association, 23–26 September [Conference report]. *The Reasoner*, 9(11), 95.
9. Gebharder, A. (2015). Erratum to: Solving the flagpole problem [Erratum]. *Journal for General Philosophy of Science*, 46(2), 425. doi:10.1007/s10838-015-9311-y

## Publications (continued)

8. Gebharter, A. (2014). Addendum to “A formal framework for representing mechanisms?” [Addendum]. Retrieved September 25, 2014, from <http://philpapers.org/archive/GEBATQ.pdf>
7. Gebharter, A., & Schurz, G. (2014). Editors’ introduction [Introduction]. *Theoria – An International Journal for Theory, History and Foundations of Science*, 29(1), 5–7. doi:10.1387/theoria.10708
6. Unterhuber, M., Gebharter, A., & Schurz, G. (2014). Philosophy of science in Germany, 1992–2012: Survey-based overview and quantitative analysis. *Journal for General Philosophy of Science*, 45(1, suppl.), 71–160. doi:10.1007/s10838-014-9270-8
5. Hempel, C. G. (2013). Wissenschaft und menschliche Werte (A. Gebharter, Trans.). In G. Schurz, & M. Carrier (Eds.), *Werte in den Wissenschaften: Neue Ansätze zum Werturteilsstreit* (pp. 118–140). Berlin: Suhrkamp. (Original work published 1965).
4. Unterhuber, M., & Gebharter, A. (2013). The philosophy of Clark Glymour, 13–15 June [Conference report]. *The Reasoner*, 7(9), 109.
3. Anglberger, A. J. J., Feldbacher, C. J., Gebharter, A., & Gugerell, S. H. (2012). Salzburg Conference for Young Analytic Philosophy 2011 [Conference report]. *Kriterion – Journal of Philosophy*, 26(1), 104–109. doi:10.1515/krt-2012-012609
2. Gebharter, A., & Schurz, G. (2012). For a better understanding of causality [Review of the book *Causality in the sciences*, by P. M. K. Illari, F. Russo, & J. Williamson (Eds.)]. *Metascience*, 21(3), 643–648. doi:10.1007/s11016-012-9648-3
1. Schurz, G., & Gebharter, A. (2012). Explanation, causality, and unification, 11–12 November [Conference report]. *The Reasoner*, 6(1), 9–10.

## Conference and Workshop Organization

### *Conferences*

7. – 22. Gebharter, A., et al. (Organizers). *Salzburg Conference for Young Analytic Philosophy (SO-PhiA)*; years 2010 – 2019; 2021 – 2026). Annual graduate conference conducted at the [University of Salzburg](#), Austria.
6. Christian, A., Gebharter, A., Gelfert, A., Hoffmann-Kolss, V., Jungert, M., Kästner, L., & Reydon, T. (Organizers). (2025, March). *5th International Conference of the German Society for Philosophy of Science (GWP.2025)*. Conference conducted at [University of Erlangen-Nuremberg](#), Germany.
5. Sikorski, M., Gebharter, A., & Osimani, B. (Organizers). (2024, August). *Probabilistic Reasoning in the Sciences*. Conference conducted at the Marche Polytechnic University, Italy.
4. Feest, U., Feldbacher-Escamilla, C. J., Gebharter, A., Gelfert, A., Reydon, T., and Schurz, G. (Organizers). (2022, March). *4th International Conference of the German Society for Philosophy of Science (GWP.2022)*. Conference conducted at [Technical University of Berlin](#), Germany.

## Conference and Workshop Organization (continued)

3. Feest, U., Feldbacher-Escamilla, C. J., Gebharder, A., Hicks, M. T., Hüttemann, A., Reydon, T., and Schurz, G. (Organizers). (2019, February). *3rd International Conference of the German Society for Philosophy of Science (GWP.2019)*. Conference conducted at the [University of Cologne](#), Germany.
2. Christian, A., Feest, U., Feldbacher, C. J., Gebharder, A., Hommen, D., Krohs, U., Lyre, H., Retzlaff, N., Reydon, T., Schurz, G., & Thorn, P. (Organizers). (2016, March). *2nd International Conference of the German Society for Philosophy of Science (GWP.2016)*. Conference conducted at the [Heinrich Heine University Düsseldorf](#), Germany.
1. Christian, A., Feldbacher, C. J., Gebharder, A., Schurz, G., & Votsis, I. (Local Organizers). (2015, September). *5th Conference of the European Philosophy of Science Association (EPSA15)*. Conference conducted at the [Heinrich Heine University Düsseldorf](#), Germany.

### *Workshops and Symposia*

18. Feldbacher-Escamilla, C. J., & Gebharder, A. (Organizers). (2026, October). *Trends in metaphysics and philosophy of science: Historical and contemporary*. Workshop conducted at the Center for Philosophy, Science, and Policy at the Marche Polytechnic University, Ancona, Italy.
17. Zhang, Z., & Gebharder, A. (Organizers). (2025, September). *Causal inference in science: Metaphysics and methodology*. Affiliated workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2025 (SOPhiA 2025), Salzburg, Austria.
16. Osimani, B., & Gebharder, A. (Organizers). (2024, December). *Evidence, bias, and uncertainty in the sciences*. Workshop conducted at the Center for Philosophy, Science, and Policy at the Marche Polytechnic University, Ancona, Italy.
15. Sikorski, M., Gebharder, A., & Osimani, B. (Organizers). (2024, September). *Causality: Ontology, epistemology, and the scientific method*. Affiliated workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2024 (SOPhiA 2024), Salzburg, Austria.
14. Gebharder, A. (Organizer). (2024, August). *Reasoning in science and metaphysics*. Workshop conducted at the Center for Philosophy, Science, and Policy at the Marche Polytechnic University, Ancona, Italy.
13. Osimani, B., & Gebharder, A. (Organizers). (2023, December). *Probabilistic reasoning in the health sciences*. Workshop conducted at the Hotel Quirinale, Rome, Italy.
12. Osimani, B., Dragoni, A., & Gebharder, A. (Organizers). (2023, October). *Probabilistic reasoning in the sciences*. Workshop conducted at the Marche Polytechnic University, Ancona, Italy.
11. Feldbacher-Escamilla, C. J., Gebharder, A., & Sekatskaya, M. (Organizers). (2023, September). *Abduction in philosophy of mind*. Affiliated workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2023 (SOPhiA 2023), Salzburg, Austria.
10. Sekatskaya, M., Feldbacher-Escamilla, C. J., & Gebharder, A. (Organizers). (2022, September). *(Non-)reductionism in the metaphysics of mind*. Affiliated workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2022 (SOPhiA 2022), Salzburg, Austria.

## Conference and Workshop Organization (continued)

9. Gebharter, A., & Sekatskaya, M. (Organizers). (2022, August). *Compatibilist libertarianism: Advantages and challenges*. Workshop conducted at the Munich Center for Mathematical Philosophy, Germany.
8. Sekatskaya, M., Gebharter, A., & Schurz, G. (Organizers). (2019, September). *Free will and causality*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
7. Engelhard, K., Feldbacher-Escamilla, C. J., & Gebharter, A. (Organizers). (2019, January – February). *The possibility of metaphysics: Between inductive, analytic, and transcendental arguments*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
6. Gebharter, A., Hommen, D., & Schurz, G. (Organizers). (2017, July). *Theories of causation: Mental causation, negative causation, and other challenges*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
5. Brössel, P., Gebharter, A., & Werning, M. (Organizers). (2016, December). *Celebratory colloquium in honor of Gerhard Schurz*. Symposium conducted at the Heinrich Heine University Düsseldorf, Germany.
4. Gebharter, A., & Schurz, G. (Organizers). (2015, April). *Workshop with Christopher R. Hitchcock*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
3. Unterhuber, M., Gebharter, A., & Schurz, G. (Organizers). (2013, June). *The Philosophy of Clark Glymour*. Symposium conducted at the Heinrich Heine University Düsseldorf, Germany.
2. Gebharter, A. (Organizer). (2012, September). *Causality*. Affiliated workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2012 (SOPhiA 2012), Salzburg, Austria.
1. Schurz, G., & Gebharter, A. (Organizers). (2011, November). *Explanation, Causality, and Unification*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.

## Presentations

### *Invited Presentations*

57. Gebharter, A., Feldbacher-Escamilla, C. J., & Sikorski, M. (2026, August). A causal theory of suppositional reasoning. In C. Ströckner (Organizer), *Concepts, Cognition and Knowledge*. Workshop conducted at the University of Greifswald, Germany.
56. Casini, L., & Gebharter, A. (2026, March). Realization independence and the epiphenomenalist revenge. In M. Kistler & T. Blanchard (Organizers), *Interventionism and non-causal dependence*. Workshop conducted at the Institute of History and Philosophy of Science and Technology (IHPST), Université Paris 1 Panthéon-Sorbonne, France.
55. Gebharter, A., & Zhang, Z. (2026, March). Causal models and interventions for multi-level systems. In M. Kistler & T. Blanchard (Organizers), *Interventionism and non-causal dependence*. Workshop conducted at the Institute of History and Philosophy of Science and Technology (IHPST), Université Paris 1 Panthéon-Sorbonne, France.

## Presentations (continued)

54. Casini, L., & Gebharder, A. (2025, April). *Downward causation and the epiphenomenalist revenge*. Paper presented at the Work in Progress Seminar, Department of Philosophy, University of Milan, Italy.
53. Gebharder, A., Sikorski, M., Zhang, Z., & Osimani, B. (2025, February). *Bias in asking for a second expert's opinion*. Paper presented at the Logic, Uncertainty, Computation, and Information (LUCI) Lab, University of Milan, Italy.
52. Sikorski, M., & Gebharder, A. (2024, November). *Exploring the consequences and limits of the principle of total evidence*. Paper presented at the Logic, Language and Cognition Seminar at the Center for Logic, Language and Cognition (LLC), University of Turin, Italy.
51. Gebharder, A. (2024, July). *A causal Bayes net analysis of dispositions*. Paper presented at Gössation: 2nd meeting of the Society for Philosophy of Causation, Göttingen, Germany.
50. Gebharder, A. & Osimani, B. (2024, June). A non-relativized account of causation. In J. Sprenger (Organizer), *Causality, conditionals and inference*. Workshop conducted at Lago Maggiore, Italy.
49. Gebharder, A. & Sikorski, M. (2024, June). The relevance principle in causal settings. In J. Sprenger (Organizer), *Causality, conditionals and inference*. Workshop conducted at Lago Maggiore, Italy.
48. Sikorski, M. & Gebharder, A. (2024, June). The principle of total evidence and the criminalist's paradox. In J. Sprenger (Organizer), *Causality, conditionals and inference*. Workshop conducted at Lago Maggiore, Italy.
47. Gebharder, A. (2023, June). *Socratic vs. Euclidean concept definition and the history of causation*. Paper presented at the Max Planck Institute for Neurobiology of Behavior, Bonn, Germany.
46. Gebharder, A. (2023, February). *Causation and explanation in multi-level systems*. Paper presented at the Logic, Language and Cognition Seminar at the Center for Logic, Language and Cognition (LLC), University of Turin, Italy.
45. Gebharder, A., & Osimani, B. (2023, February). *The formal structure(s) of analogical inference*. Paper presented at the Science & More Seminar at the Center for Logic, Language and Cognition (LLC), University of Turin, Italy.
44. Feldbacher-Escamilla, C. J., & Gebharder, A. (2022, January). Suppositional reasoning: Its logic and causal structure. In S. Ipakchi, & P. Hasselkuß (Organizers), *Logic and its philosophy*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
43. Henderson, L., & Gebharder, A. (2021, November). The role of reliability updating in belief polarisation on mixed evidence. In J.-W. Romeijn (Organizer), *The Rationality of Social Learning*. Symposium conducted at the 27th Biennial Meeting of the Philosophy of Science Association (PSA 2020), Baltimore, United States of America.
42. Gebharder, A., & Osimani, B. (2021, November). The other side of the coin: Another Bayesian model for analogical inference. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.

## Presentations (continued)

41. Gebharter, A. (2021, October). Quantifying proportionality and the limits of higher-level causation and explanation. In D. Razeev, & M. Sekatskaya (Organizers), *Inductive methods in ethics, metaphysics, and philosophy of mind*. Workshop conducted at the Saint Petersburg State University, Russia.
40. Gebharter, A. (2021, September). Probabilistic supervenience and agential possibilities. In M. Sekatskaya (Organizer), *Realities of free will*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2021 (SOPhiA 2021), Salzburg, Austria.
39. Feldbacher-Escamilla, C. J., & Gebharter, A. (2021, July). *Confirmation based on analogical reasoning: Bayes meets Jeffrey*. Paper presented at the Research Colloquium of the Department of Philosophy at the University of Bochum, Germany.
38. Gebharter, A., & Feldbacher-Escamilla, C. J. (2021, June). *Unification and explanation: A causal perspective*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
37. Gebharter, A. (2021, March). *Establishing backward causation on empirical grounds: An interventionist approach*. Paper presented at the Research Colloquium of the Department of Philosophy at the University of Cologne, Germany.
36. Gebharter, A. (2021, February). *Non-causal dependence and grounding in Bayes nets*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
35. Gebharter, A., Sekatskaya, M., & Schurz, G. (2020, November). Free will, control, and the possibility to do otherwise from a causal modeler’s perspective. In D. Razeev, & M. Sekatskaya (Organizers), *Volitions, intentions and mental causation: Theoretical and experimental approach*. Workshop conducted at the Saint Petersburg State University, Russia.
34. Feldbacher-Escamilla, C. J., & Gebharter, A. (2020, September). *The role of causal modeling for evidence-based policy*. Public lecture given at the at the Information Technologies, Mechanics and Optics University (ITMO), Saint Petersburg, Russia.
33. Gebharter, A., & de Grefte, J. (2020, May). *The causal theory of knowledge revisited: An interventionist approach*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
32. Gebharter, A. (2020, March). *A note on “The epistemic risks of diversifying evidence: A Bayesian perspective” by François Claveau & Olivier Grenier*. Discussion note presented at the Erasmus Institute for Philosophy and Economics (EIPE) Research Seminar, Erasmus University Rotterdam, Netherlands.
31. Gebharter, A. (2020, February). *Causal exclusion and causal Bayes nets*. Job talk at the University of Greifswald, Germany.
30. Gebharter, A. (2020, January). *Establishing backward causation on empirical grounds: An interventionist approach*. Job talk at the University of Cologne, Germany.

## Presentations (continued)

29. Gebharter, A., & Eronen, M. I. (2019, November). *Quantifying proportionality and the limits of higher-level causation and explanation*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
28. Gebharter, A. (2019, October). *Causal exclusion and causal Bayes nets*. Job talk at the University of Glasgow, United Kingdom.
27. Gebharter, A., & Eronen, M. I. (2019, October). Quantifying proportionality and the limits of higher-level causation and explanation. In K. Aizawa, & M. Couch (Organizers), *Compositional explanation in biology and the neurosciences*. Workshop conducted at Rutgers and Seton Hall University, Newark, United States of America.
26. Gebharter, A., & Eronen, M. I. (2019, September). Quantifying proportionality and the limits of mental causation and explanation. In M. Sekatskaya, & C. Ströckner (Organizers), *Mindless explanations? The causal and explanatory role of mental states*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2019 (SOPhiA 2019), Salzburg, Austria.
25. Gebharter, A., & Feldbacher-Escamilla, C. J. (2019, May). *Confirmation based on analogical reasoning: Bayes meets Jeffrey*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
24. Eronen, M. I., & Gebharter, A. (2019, March). Causation and constitution from an information-theoretic perspective: Intra- & inter-level causation, levels, and more. In F. Fazekas (Organizer), *Causation and constitution*. Workshop conducted at the University of Antwerp, Belgium.
23. Gebharter, A., & Harbecke, J. (2018, December). Constitutive relevance discovery without interventions: Boole meets Bayes. In M. Baumgartner, L. Casini, & V.-P. Parkinnen (Organizers), *Causation vs constitution: Loosening the friction*. Conference conducted at the University of Bergen, Norway.
22. Gebharter, A. (2018, November). *Free will, control, and the possibility to do otherwise from a causal modeler's perspective*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
21. Gebharter, A. (2018, October). Free will, control, and the possibility to do otherwise from a causal modeler's perspective. In C. Loew, & A. Hüttemann (Organizers), *Freedom and determinism*. Workshop conducted at the University of Cologne, Germany.
20. Gebharter, A. (2018, September). Uncovering constitutive relevance relations in mechanisms. In K. Kelly, & K. Zhang (Organizers), *Foundations of causal discovery and inference*. Workshop conducted at Carnegie Mellon University, Pittsburgh, United States of America.
19. Gebharter, A. (2018, August). A causal Bayes net analysis of Glennan's mechanistic account of higher-level causation (and some consequences). In M. Serban (Organizer), *Causation, mechanism and difference makers*. Conference conducted at the University of Copenhagen, Denmark.
18. Gebharter, A., & Fischer, F. (2018, July). *Dispositions and causal Bayes nets*. Paper presented at the Colloquium for Theoretical Philosophy at the University of Siegen, Germany.
17. Gebharter, A. (2018, June). *Causal exclusion and causal Bayes nets*. Job talk at the University of Tübingen, Germany.

## Presentations (continued)

16. Gebharter, A. (2018, April). *A causal Bayes net analysis of Glennan's mechanistic account of higher-level causation (and some consequences)*. Paper presented at the Colloquium in Logic and Philosophy of Science of the Munich Center for Mathematical Philosophy (MCMP), Germany.
15. Gebharter, A. (2018, March). Freedom as a higher-level phenomenon? In C. Loew, & A. Hüttemann (Organizers), *Free will and laws of nature*. Workshop conducted at the University of Cologne, Germany.
14. Gebharter, A. (2017, November). *Uncovering constitutive relevance relations in mechanisms*. Paper presented at the Research Colloquium of the Research Unit for Epistemology, Metaphysics, and Philosophy of Cognition, Aarhus, Denmark.
13. Gebharter, A. (2017, October). *Causal exclusion and causal Bayes nets*. Job talk at the University of Graz, Austria.
12. Retzlaff, N., & Gebharter, A. (2017, September). A new proposal how to handle counterexamples to Markov causation à la Cartwright, or: Fixing the chemical factory. In F. Boge (Organizer), *Modeling physical reality*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2017 (SOPhiA 2017), Salzburg, Austria.
11. Gebharter, A. (2017, June). *Causal exclusion and causal Bayes nets*. Job talk at the Saarland University, Saarbrücken, Germany.
10. Gebharter, A. (2016, October). *Uncovering constitutive relevance relations in mechanisms*. Job talk at the Frankfurt School of Finance and Management, Frankfurt, Germany.
9. Gebharter, A. (2016, April). Causal reasoning and inference with causal Bayes nets [Plenary talk]. In J. Rogger, & J. Walker (Organizers), *Causality*. Workshop of the Swiss Graduate Society for Logic and Philosophy of Science (SGSLPS), Geneva, Switzerland.
8. Gebharter, A. (2016, March). Uncovering constitutive relevance relations in mechanisms. In M. Baumgartner, & L. Casini (Organizers), *Constitution and constitutional discovery*. Symposium conducted at the 2nd International Conference of the German Society for Philosophy of Science (GWP.2016), Düsseldorf, Germany.
7. Gebharter, A. (2015, September). Introduction to causal (Bayes) nets. In N. Retzlaff (Organizer), *Causality meets quantum mechanics*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2015 (SOPhiA 2015), Salzburg, Austria.
6. Gebharter, A., & Schurz, G. (2015, September). *Philosophy of Science in Germany*. Paper presented at the opening ceremony of the 5th Conference of the European Philosophy of Science Association (EPSA15), Düsseldorf, Germany.
5. Gebharter, A., & Schurz, G. (2014, November). A modeling approach for mechanisms featuring causal cycles. In M. Weber (Organizer), *How Adequate are Causal Graphs and Bayesian Networks for Modeling Biological Mechanisms?* Symposium conducted at the 24th Biennial Meeting of the Philosophy of Science Association (PSA 2014), Chicago, United States of America.

## Presentations (continued)

4. Baumgartner, M., & Gebharter, A. (2013, August). Constitutive relevance, mutual manipulability, and fat-handedness. In L. Kästner, & M. Eronen (Organizers), *On the Empirical Assessment of Constitutive Relevance Relations*. Symposium conducted at the 4th Conference of the European Philosophy of Science Association (EPSA13), Helsinki, Finland.
3. Gebharter, A. (2013, May). Constitutive relevance and mutual manipulability. In B. Leuridan, & E. Weber (Organizers), *Mechanisms, Causality, and Explanation*. Workshop conducted at the University of Ghent, Belgium.
2. Unterhuber, M., Gebharter, A., & Schurz, G. (2013, March). *Philosophy of science in Germany – a report*. Paper presented at the 1st International Conference of the German Society for Philosophy of Science (GWP.2013), Hannover, Germany.
1. Gebharter, A. (2011, June). Solving the flagpole problem. In D. Birnbacher, & D. Hommen (Organizers), *Workshop with J. Schaffer*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.

### *Peer-Reviewed Presentations*

85. Feldbacher-Escamilla, C. J., Gebharter, A., & Sikorski, M. (2026, June). *A causal theory of suppositional reasoning*. Paper presented at the 10th International Conference on Model-Based-Reasoning, Rome, Italy.
84. Gebharter, A., Osimani, B., Sikorski, M., D'Olimpio, E., & Zhang, Z. (2026, June). *A causal account for estimating effects across populations when no causal information is available*. Paper presented at the 10th International Conference on Model-Based-Reasoning, Rome, Italy.
83. Gebharter, A., Sikorski, M., Zhang, Z., & Osimani, B. (2026, February). *Bias in asking for a second expert's opinion*. Poster presented at the 8th Workshop on Perspectives on Scientific Error (PSE8), Leiden, Netherlands.
82. Sikorski, M., & Gebharter, A. (2025, February). *A three-layer model for evidence-based policy*. Poster presented at the 8th Workshop on Perspectives on Scientific Error (PSE8), Leiden, Netherlands.
81. Sikorski, M., & Gebharter, A. (2025, August). *A three-layer model for evidence-based policy*. Poster presented at the 10th Conference of the European Philosophy of Science Association (EPSA25), Groningen, Netherlands.
80. Gebharter, A., & Sikorski, M. (2025, June). *The relevance principle from a causal perspective*. Paper presented at the Joint Conference of the Asia-Pacific Philosophy of Science Association (APPSA) and the Taiwan Association for Logic, Methodology, Philosophy of Science and Technology (LMPST Taiwan), Taipei, Taiwan.
79. Sikorski, M., & Gebharter, A., (2025, June). *The criminalist's paradox as a counterexample to the principle of total evidence*. Paper presented at the Joint Conference of the Asia-Pacific Philosophy of Science Association (APPSA) and the Taiwan Association for Logic, Methodology, Philosophy of Science and Technology (LMPST Taiwan), Taipei, Taiwan.

## Presentations (continued)

78. Gebharter, A., & Osimani, B. (2025, March). *Thinking outside the box: Causation and variable-relativity*. Paper presented at the 5th International Conference of the German Society for Philosophy of Science (GWP.2025), Erlangen, Germany.
77. Sikorski, M., & Gebharter, A. (2025, March). *The criminalist's paradox as a counterexample to the principle of total evidence*. Paper presented at the 5th International Conference of the German Society for Philosophy of Science (GWP.2025), Erlangen, Germany.
76. Sikorski, M., & Gebharter, A. (2024, December). *Redefining representativeness of a sample in causal terms*. Poster presented at Pharmacology 2024, the British Pharmacological Society's annual Pharmacology conference, Harrogate, United Kingdom.
75. Sikorski, M., & Gebharter, A. (2020, November). *The criminalist's paradox as a counterexample to the principle of total evidence*. Poster presented at the 29th Biennial Meeting of the Philosophy of Science Association (PSA 2024), New Orleans, United States of America.
74. Gebharter, A., Feldbacher-Escamilla, C. J., & Sikorski, M. (2024, September). *A causal theory of suppositional reasoning*. Paper presented at the 26th Congress of the German Society for Philosophy (DGPhil 2024), Münster, Germany.
73. Gebharter, A., & Osimani, B. (2024, September). *Formalizing extrapolation*. Paper presented at the 5th Congress of the East European Network for Philosophy of Science (EENPS 2024), Krakow, Poland.
72. Gebharter, A., & Osimani, B. (2024, August). *The formal structure(s) of analogical inference*. Paper presented at the 25th World Congress of Philosophy, Rome, Italy.
71. Gebharter, A., & Osimani, B. (2024, May). *Formalising extrapolation*. Paper presented at the conference Causality in Epidemiology (EpiCause) [part of the Causality in the Sciences conference series], Linz, Austria.
70. Gebharter, A., & Osimani, B. (2023, October). *A Bayesian approach to evaluating policy efficacy across domains*. Paper presented at the conference How should we reason? Philosophical and psychological perspectives, Munich, Germany.
69. Gebharter, A., & Osimani, B. (2023, September). *The formal structure(s) of analogical inference*. Paper presented at the 9th Conference of the European Philosophy of Science Association (EPSA23), Belgrade, Serbia.
68. Gebharter, A., & Osimani, B. (2023, September). *The formal structure(s) of analogical inference*. Paper presented at the Triennial International Conference of the Italian Society for Logic and the Philosophy of Science (SILFS 2023), Urbino, Italy.
67. Feldbacher-Escamilla, C. J., & Gebharter, A. (2023, September). *Unification and explanation from a causal perspective*. Paper presented at the 9th Conference of the European Philosophy of Science Association (EPSA23), Belgrade, Serbia.
66. Gebharter, A., & Eronen, M. I. (2023, August). *Quantifying proportionality and the limits of higher-level causation and explanation*. Paper presented at the conference Inductive metaphysics: Insights, challenges and prospects, Düsseldorf, Germany.

## Presentations (continued)

65. Gebharder, A., & Osimani, B. (2023, August). *The formal structure(s) of analogical inference*. Paper presented at the 11th European Congress of Analytic Philosophy (ECAP11), Vienna, Austria.
64. Gebharder, A., & Osimani, B. (2023, March). *The formal structure(s) of analogical inference*. Paper presented at the conference Epistemic justification: Formal epistemology meets mainstream epistemology (EPIJUST 2023), Munich, Germany.
63. Gebharder, A., & Osimani, B. (2022, December). *The formal structure(s) of analogical inference*. Paper presented at the 18th Annual Conference of the Italian Association of Cognitive Sciences (AISC2022), Rovereto, Italy.
62. Gebharder, A., & Osimani, B. (2022, September). *Analogical inference Bayesian style 2.0*. Paper presented at the 11th International Conference of the German Society for Analytic Philosophy (GAP.11), Berlin, Germany.
61. Gebharder, A., & Sekatskaya, M. (2022, September). *Probabilistic supervenience and agential possibilities*. Paper presented at the 11th International Conference of the German Society for Analytic Philosophy (GAP.11), Berlin, Germany.
60. Sekatskaya, M., & Gebharder, A. (2022, September). *Supervenient fixity and agential possibilities*. Paper presented at the 11th International Conference of the German Society for Analytic Philosophy (GAP.11), Berlin, Germany.
59. Gebharder, A., & Feldbacher-Escamilla, C. J. (2022, August). *Unification and explanation: A causal perspective*. Paper presented at the 4th International Conference of the German Society for Philosophy of Science (GWP.2022), Berlin, Germany.
58. Gebharder, A., & Osimani, B. (2022, August). *Analogical inference Bayesian style 2.0*. Paper presented at the 4th Congress of the East European Network for Philosophy of Science (EENPS 2022), Tartu, Estonia.
57. Gebharder, A., & Osimani, B. (2022, July). *Analogical inference Bayesian style 2.0*. In K. Dolega, N. Poth, & C. Ströckner (Organizers), *Bayesian learning and reasoning*. Workshop conducted at Ruhr University of Bochum, Germany.
56. Gebharder, A., & Osimani, B. (2022, July). *Analogical inference Bayesian style 2.0*. Paper presented at the Annual Conference of the British Society for the Philosophy of Science 2022 (BSPS 2022), Exeter, United Kingdom.
55. Gebharder, A., & de Grefte, J. (2021, September). *The causal theory of knowledge revisited: An interventionist approach*. Paper presented at the 25th Congress of the German Society for Philosophy (DGPhil 2021), Erlangen, Germany.
54. Feldbacher-Escamilla, C. J., & Gebharder, A. (2021, July). *Unification and explanation: A causal perspective*. Paper presented at the Annual Conference of the British Society for the Philosophy of Science 2021 (BSPS 2021), Kent, United Kingdom.
53. Gebharder, A., & Eronen, M. I. (2021, June). *Quantifying proportionality and the limits of higher-level causation and explanation*. Paper presented at the 3rd Congress of the East European Network for Philosophy of Science (EENPS 2021), Belgrade, Serbia.

## Presentations (continued)

52. Henderson, L., & Gebharder, A. (2021, April). The role of source reliability in belief polarisation. In H. Duijf, & C. Dutilh Novaes (Organizers), *Formal Models of Deliberation and Polarization*. Workshop conducted at Vrije Universiteit Amsterdam, Netherlands.
51. Gebharder, A., & Feldbacher-Escamilla, C. J. (2020, November). *Unification and explanation: A causal perspective*. Paper presented at the 27th Biennial Meeting of the Philosophy of Science Association (PSA 2020), Baltimore, United States of America.
50. Gebharder, A., & Eronen, M. I. (2020, September). *Quantifying proportionality and the limits of higher-level causation and explanation*. Paper presented at the 2nd Congress of the Russian Society for History and Philosophy of Science (RSHPS 2020), Saint Petersburg, Russia.
49. Feldbacher-Escamilla, C. J., & Gebharder, A. (2020, August). *Unifying unification*. Paper presented at the 10th European Congress of Analytic Philosophy (ECAP10), Utrecht, Netherlands.
48. Gebharder, A., & de Grefte, J. (2020, August). *The causal theory of knowledge revisited: An interventionist approach*. Paper presented at the 10th European Congress of Analytic Philosophy (ECAP10), Utrecht, Netherlands.
47. Sekatskaya, M., Gebharder, A., & Schurz, G. (2020, August). *Free will, control, and the possibility to do otherwise from a causal modeler's perspective*. Paper presented at the 10th European Congress of Analytic Philosophy (ECAP10), Utrecht, Netherlands.
46. Gebharder, A., & Eronen, M. I. (2020, July). *Quantifying proportionality and the limits of higher-level causation and explanation*. Paper presented at the Annual Conference of the British Society for the Philosophy of Science 2020 (BSPS 2020), Kent, United Kingdom.
45. Gebharder, A., & Feldbacher-Escamilla, C. J. (2019, September). *Modeling creative abduction Bayes net style*. Paper presented at the 7th Conference of the European Philosophy of Science Association (EPSA19), Geneva, Switzerland.
44. Fischer, F., & Gebharder, A. (2019, August). *Dispositions and causal Bayes nets*. Paper presented at the 15th Congress of Logic, Methodology, and Philosophy of Science and Technology (CLMPST 2019), Prague, Poland.
43. Gebharder, A., & Feldbacher-Escamilla, C. J. (2019, August). *Modeling creative abduction Bayes net style*. Paper presented at the 15th Congress of Logic, Methodology, and Philosophy of Science and Technology (CLMPST 2019), Prague, Poland.
42. Harbecke, J., & Gebharder, A. (2019, August). *Constitutive relevance discovery without interventions: Boole meets Bayes nets*. Paper presented at the 15th Congress of Logic, Methodology, and Philosophy of Science and Technology (CLMPST 2019), Prague, Poland.
41. Gebharder, A., & Feldbacher-Escamilla, C. J. (2019, July). *Confirmation based on analogical inference: Bayes meets Jeffrey*. Paper presented at the Annual Conference of the British Society for the Philosophy of Science 2019 (BSPS 2019), Durham, United Kingdom.
40. Gebharder, A., & Harbecke, J. (2019, July). *Constitutive relevance discovery without interventions: Boole meets Bayes nets*. Paper presented at the biennial meeting of the International Society for the History, Philosophy, and Social Studies of Biology 2019 (ISHPSSB 2019), Oslo, Norway.

## Presentations (continued)

39. Fischer, F., & Gebharder, A. (2019, February). *Dispositions and causal Bayes nets*. Paper presented at the 3rd International Conference of the German Society for Philosophy of Science (GWP.2019), Cologne, Germany.
38. Gebharder, A. (2019, February). *A causal Bayes net analysis of Glennan's mechanistic account of higher-level causation*. Paper presented at the 3rd International Conference of the German Society for Philosophy of Science (GWP.2019), Cologne, Germany.
37. Graemer, D., Scheffels, F., & Gebharder, A. (2019, February). *How to establish backward causation on empirically grounds: An interventionist approach*. Paper presented at the 3rd International Conference of the German Society for Philosophy of Science (GWP.2019), Cologne, Germany.
36. Feldbacher-Escamilla, C. J., & Gebharder, A. (2018, November). *Modeling creative abduction Bayesian style*. Paper presented at the 26th Biennial Meeting of the Philosophy of Science Association (PSA 2018), Seattle, United States of America.
35. Koch, D., & Gebharder, A. (2018, November). Bayesian network methods for mechanistic modelling in systems biology. In T. Gerguri, E. H. Delgado, I. Marzuoli, & J. Ng (Organizers), *Quantitative Systems Biology*. Workshop conducted at King's College London, London, United Kingdom.
34. Feldbacher-Escamilla, C. J., & Gebharder, A. (2018, October). *Confirmation based on analogical reasoning: Bayes meets Jeffrey*. Paper presented at the conference Analogical Reasoning in Science and Mathematics, Munich, Germany.
33. Feldbacher-Escamilla, C. J., & Gebharder, A. (2018, October). Modeling creative abduction Bayesian style. In C. Herfeld, & S. Lutz (Organizers), *Concept Formation in the Natural and the Social Sciences*. Workshop conducted at the University of Zurich, Switzerland.
32. Gebharder, A. (2018, September). *A causal Bayes net analysis of Glennan's mechanistic account of higher-level causation (and some consequences for inter-level causation and constitutive relevance in the neurosciences)*. Paper presented at the conference Causality in the Neuro- and Psychological Sciences (CiNaPS) [part of the Causality in the Sciences conference series], Antwerp, Belgium.
31. Gebharder, A. (2018, September). *Causal exclusion and causal Bayes nets*. Poster presented at the 10th International Conference of the German Society for Analytic Philosophy (GAP.10), Cologne, Germany.
30. Feldbacher-Escamilla, C. J., & Gebharder, A. (2018, June). *Modeling creative abduction Bayesian style*. Paper presented at the 11th MuST Conference in Philosophy of Science: Models of Explanation, Turin, Italy.
29. Feldbacher-Escamilla, C. J., & Gebharder, A. (2017, December). Analogical reasoning in medicine: Bayes meets Jeffrey. In S. Bernecker, & D. Koppelberg (Organizers), *Issues in medical epistemology*. Conference conducted at the University of Cologne, Germany.
28. Gebharder, A. (2017, September). *Causal exclusion and causal Bayes nets*. Paper presented at the 24th Congress of the German Society for Philosophy (DGPhil 2017), Berlin, Germany.

## Presentations (continued)

27. Retzlaff, N., & Gebharder, A. (2017, September). *A new proposal how to handle counterexamples to Markov causation à la Cartwright, or: Fixing the chemical factory*. Paper presented at the 6th Conference of the European Philosophy of Science Association (EPSA17), Exeter, United Kingdom.
26. Gebharder, A. (2017, August). *Causal exclusion and causal Bayes nets*. Paper presented at the 9th European Congress of Analytic Philosophy (ECAP9), Munich, Germany.
25. Retzlaff, N., & Gebharder, A. (2017, August). *A new proposal how to handle counterexamples to Markov causation à la Cartwright, or: Fixing the chemical factory*. Paper presented at the 9th European Congress of Analytic Philosophy (ECAP9), Munich, Germany.
24. Gebharder, A. (2017, June). *Causal exclusion and causal Bayes nets*. Paper presented at the Triennial International Conference of the Italian Society for Logic and Philosophy of Science 2017 (SILFS 2017), Bologna, Italy.
23. Retzlaff, N., & Gebharder, A. (2017, June). *A new proposal how to handle counterexamples to Markov causation à la Cartwright, or: Fixing the chemical factory*. Paper presented at the Triennial International Conference of the Italian Society for Logic and Philosophy of Science 2017 (SILFS 2017), Bologna, Italy.
22. Gebharder, A., & Retzlaff, N. (2017, April). *A new proposal how to handle counterexamples to Markov causation à la Cartwright, or: Fixing the chemical factory*. Paper presented at the 5th Annual Meeting of the Nordic Network for Philosophy of Science (NNPS 2017), Copenhagen, Denmark.
21. Gebharder, A. (2016, June). *Causal exclusion and causal Bayes nets*. Paper presented at the conference Causality in the Sciences of the Mind and Brain (CitSoMaB) [part of the Causality in the Sciences conference series], Aarhus, Denmark.
20. Gebharder, A., & Schurz, G. (2015, August). *Causality as a theoretical concept, intervention assumptions, and empirical content*. Paper presented at the 15th Congress of Logic, Methodology, and Philosophy of Science (CLMPS 2015), Helsinki, Finland.
19. Gebharder, A. (2015, July). *Causal exclusion and causal Bayes nets*. Paper presented at the Annual Conference of the British Society for the Philosophy of Science 2015 (BSPS 2015), Manchester, United Kingdom.
18. Gebharder, A., & Schurz, G. (2015, June). *How Occam's razor provides a neat definition of direct causation*. Paper presented at the 10th Congress of the Austrian Association for Philosophy, Innsbruck, Austria.
17. Gebharder, A. (2014, September). *A formal framework for representing mechanisms?* Paper presented at the 23rd Congress of the German Society for Philosophy (DGPhil 2014), Münster, Germany.
16. Gebharder, A., & Schurz, G. (2014, August). *Causality as a theoretical concept: Explanatory warrant and empirical content of the theory of causal nets*. Paper presented at the 8th European Congress of Analytic Philosophy (ECAP8), Bucharest, Romania.

## Presentations (continued)

15. Gebharter, A., & Schurz, G. (2014, July). How Occam's razor provides a neat definition of direct causation. In J. Mooij, D. Janzing, J. Peters, T. Claassen, & A. Hyttinen (Organizers), *Causal Inference: Learning and Prediction*. Workshop conducted at the 30th Conference on Uncertainty in Artificial Intelligence (UAI 2014), Quebec City, Canada.
14. Gebharter, A., & Schurz, G. (2013, September). *Old and new problems for Woodward's interventionist theory of causation*. Paper presented at the Conference on Logic and Philosophy of Science (CLPS13), Ghent, Belgium.
13. Gebharter, A., & Schurz, G. (2013, July). *Old and new problems for Woodward's interventionist theory of causation*. Paper presented at the conference Causality and Experimentation in the Sciences (CaEitS) [part of the Causality in the Sciences conference series], Paris, France.
12. Gebharter, A. (2013, April). *Mutual manipulability: Sufficient for uncovering constitutive relevance relations?* Paper presented at the Graduate Conference in Theoretical Philosophy 2013, Groningen, Netherlands.
11. Baumgartner, M., & Gebharter, A. (2013, March). Mutual manipulability and constitutive relevance. In M. Baumgartner (Organizer), *Interventionism and multi-level causation*. Symposium conducted at the 1st International Conference of the German Society for Philosophy of Science (GWP.2013), Hannover, Germany.
10. Gebharter, A. (2013, March). *A formal framework for representing mechanisms?* Paper presented at the 1st International Conference of the German Society for Philosophy of Science (GWP.2013), Hannover, Germany.
9. Gebharter, A. (2013, March). *Causality as an empirically significant theoretical concept*. Paper presented at the graduate conference Philosophy of Science 2013, Hannover, Germany.
8. Gebharter, A. (2013, February). *A formal framework for representing mechanisms?* Paper presented at the graduate workshop Systematic Analytic Philosophy and Interdisciplinary Research (Saphir), Bochum, Germany.
7. Gebharter, A. (2012, September). *A formal framework for representing mechanisms?* Paper presented at the 8th International Conference of the German Society for Analytic Philosophy (GAP.8), Constance, Germany.
6. Gebharter, A. (2012, May). *Faithfulness, why it typically holds, and how it can be restored when it does not hold*. Paper presented at the 5th Graduate Conference of the Austrian Association for Philosophy, Salzburg, Austria.
5. Gebharter, A. (2011, September). *Explaining regularities: A theory of causality with empirical content*. Paper presented at the 7th European Congress of Analytic Philosophy (ECAP7), Milan, Italy.
4. Gebharter, A. (2011, July). *Determining causal relevancies at event-level*. Paper presented at the 14th Congress of Logic, Methodology, and Philosophy of Science (CLMPS 2011), Nancy, France.
3. Gebharter, A. (2011, April). *Crossing the border between metaphysics and empirical science*. Paper presented at the 9th Congress of the Austrian Association for Philosophy, Vienna, Austria.

## Presentations (continued)

2. Gebharter, A., & Mirnig, A. G. (2010, August). *The argument from hallucination in the light of modern formal philosophy*. Paper presented at the Young Philosophy Graduates Conference, Darmstadt, Germany.
1. Gebharter, A., & Gugerell, S. H. (2009, September). *A comparative theory of the scientific character of theories*. Paper presented at the Young Philosophy Graduates Conference, Darmstadt, Germany.

### *Other Presentations*

32. Gebharter, A., Osimani, B., Sikorski, M., D'Olimpio, E., & Zhang, Z. (2025, September). A causal account for estimating effects across populations when no causal information is available. In Z. Zhang, & A. Gebharter (Organizers), *Causal inference in science: Metaphysics and methodology*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2025 (SOPhiA 2025), Salzburg, Austria.
31. Gebharter, A. (2024, December). Evidence, bias, and uncertainty in the sciences. In B. Osimani, & A. Gebharter (Organizers), *What is scientific evidence? Foundations, models, and methods*. Workshop conducted at the Center for Philosophy, Science, and Policy at the Marche Polytechnic University, Ancona, Italy.
30. Casini, L., & Gebharter, A. (2024, September). Downward causation and the epiphenomenalist revenge. In M. Sikorski, A. Gebharter, & B. Osimani (Organizers), *Causality: Ontology, epistemology, and the scientific method*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2024 (SOPhiA 2024), Salzburg, Austria.
29. Gebharter, A., & Osimani, B. (2024, September). Thinking outside the box: Causation and variable-relativity. In M. Sikorski, A. Gebharter, & B. Osimani (Organizers), *Causality: Ontology, epistemology, and the scientific method*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2024 (SOPhiA 2024), Salzburg, Austria.
28. Sikorski, M., Gebharter, A., & Osimani, B. (2024, September). Redefining representativeness of a sample in causal terms. In M. Sikorski, A. Gebharter, & B. Osimani (Organizers), *Causality: Ontology, epistemology, and the scientific method*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2024 (SOPhiA 2024), Salzburg, Austria.
27. Gebharter, A., & Osimani, B. (2024, August). Thinking outside the box: Causation and variable-relativity. In A. Gebharter (Organizer), *Reasoning in science and metaphysics*. Workshop conducted at the Center for Philosophy, Science, and Policy at the Marche Polytechnic University, Ancona, Italy.
26. Sikorski, M., Gebharter, A., & Osimani, B. (2024, August). Redefining representativeness of a sample in causal terms. In M. Sikorski, A. Gebharter, & B. Osimani (Organizers), *Probabilistic reasoning in the sciences*. Conference conducted at Marche Polytechnic University, Ancona, Italy.
25. Gebharter, A. (2023, December). Controlling and utilizing uncertainty in the health sciences. In A. B. Osimani, & A. Gebharter (Organizers), *Probabilistic reasoning in the health sciences*. Workshop conducted at the Hotel Quirinale, Rome, Italy.

## Presentations (continued)

24. Gebharter, A., & Osimani, B. (2023, October). The formal structure(s) of analogical inference. In A. Gebharter, & B. Osimani (Organizers), *Probabilistic reasoning in the sciences*. Workshop conducted at the Marche Polytechnic University, Ancona, Italy.
23. Gebharter, A., & Sekatskaya, M. (2023, September). Mental causation, interventionism, and probabilistic supervenience. In C. J. Feldbacher-Escamilla, A. Gebharter, & M. Sekatskaya (Organizers), *Abduction in the metaphysics of mind*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2023 (SOPhiA 2023), Salzburg, Austria.
22. Gebharter, A., & Sekatskaya, M. (2022, September). Probabilistic supervenience and agential possibilities. In M. Sekatskaya, C. J. Feldbacher-Escamilla, & A. Gebharter (Organizers), *(Non-)reductionism in the metaphysics of mind*. Workshop conducted at the Salzburg Conference for Young Analytic Philosophy 2022 (SOPhiA 2022), Salzburg, Austria.
21. Gebharter, A., & Sekatskaya, M. (2021, October). Probabilistic supervenience and agential possibilities. In A. Gebharter, & M. Sekatskaya (Organizers), *Compatibilist libertarianism: Advantages and challenges*. Workshop conducted at the Munich Center for Mathematical Philosophy, Germany.
20. Sekatskaya, M. & Gebharter, A. (2021, October). Supervenient fixity and agential possibilities. In A. Gebharter, & M. Sekatskaya (Organizers), *Compatibilist libertarianism: Advantages and challenges*. Workshop conducted at the Munich Center for Mathematical Philosophy, Germany.
19. Gebharter, A., & Hüttemann, A. (2021, May). *Causal Bayes nets and token-level causes: Closing the gap between epistemology and metaphysics and consequences for accounts of actual causation*. Paper presented at the Research Colloquium of the Department of Philosophy at the University of Cologne, Germany.
18. Sekatskaya, M., & Gebharter, A. (2021, April). *Supervenient fixity and agential possibilities*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
17. Gebharter, A., & Eronen, M. I. (2019, November). *Quantifying proportionality and the limits of higher-level causation and explanation*. Paper presented at the PCCP meeting at the Department of Theoretical Philosophy, University of Groningen, Netherlands.
16. Gebharter, A., Sekatskaya, M., & Schurz, G. (2019, September). *Free will, control, and the possibility to do otherwise from a causal modeler's perspective*. In M. Sekatskaya, A. Gebharter, & G. Schurz (Organizers), *Free will and causality*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
15. Gebharter, A., Sekatskaya, M., & Schurz, G. (2018, December). *Free will, control, and the possibility to do otherwise from a causal modeler's perspective*. Paper presented at the PCCP meeting at the Department of Theoretical Philosophy, University of Groningen, Netherlands.
14. Gebharter, A., & Schurz, G. (2018, April). *Freedom and causality*. Paper presented at the Colloquium of the research unit Inductive Metaphysics, Heinrich Heine University Düsseldorf, Germany.
13. Gebharter, A. (2018, January). *Freedom and causality*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.

## Presentations (continued)

12. Gebharter, A. (2017, July). *Causal exclusion and causal Bayes nets*. In A. Gebharter, D. Hommen, & G. Schurz (Organizers), *Theories of causation: Mental causation, negative causation, and other challenges*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
11. Gebharter, A. (2016, January). *Causal nets: Content, warrant, interventions, and mechanisms*. Dissertation thesis defence at the Heinrich Heine University Düsseldorf, Germany.
10. Gebharter, A. (2015, September). *Causal exclusion and causal Bayes nets*. Paper presented at the Salzburg Conference for Young Analytic Philosophy 2015 (SOPhiA 2015), Salzburg, Austria.
9. Gebharter, A. (2015, April). *Causal exclusion and causal Bayes nets*. In A. Gebharter, & G. Schurz (Organizers), *Workshop with Christopher R. Hitchcock*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
8. Gebharter, A., & Schurz, G. (2013, October). *Old and new problems for Woodward's interventionist theory of causation*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
7. Schurz, G., & Gebharter, A. (2013, June). Causality as a theoretical concept. In M. Unterhuber, A. Gebharter, & G. Schurz (Organizers), *The Philosophy of Clark Glymour*. Symposium conducted at the Heinrich Heine University Düsseldorf, Germany.
6. Gebharter, A. (2012, November). *Mutual manipulability: Sufficient for uncovering constitutive relevance relations?* Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
5. Gebharter, A., & Schurz, G. (2012, September). Why causality is not superfluous. In A. Gebharter (Organizer), *Causality*. Symposium conducted at the Salzburg Conference for Young Analytic Philosophy 2012 (SOPhiA 2012), Salzburg, Austria.
4. Gebharter, A. (2012, May). *A formal framework for representing mechanisms?* Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
3. Gebharter, A. (2011, November). Applications of causality theory: Mechanisms and causal cycles. In G. Schurz, & A. Gebharter (Organizers), *Explanation, Causality, and Unification*. Workshop conducted at the Heinrich Heine University Düsseldorf, Germany.
2. Gebharter, A. (2011, May). *Causal graphs and mechanisms*. Paper presented at the Research Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.
1. Gebharter, A. (2010, December) *Causal graphs, empirical content, and testability*. Paper presented at the Philosophical Colloquium of the Department of Philosophy at the Heinrich Heine University Düsseldorf, Germany.

## Teaching

### *Advanced Courses*

- 03/'26 – 06/'26 *Foundations of the scientific method* (approx. 25 students enrolled). Advanced course conducted at the [Marche Polytechnic University](#), Ancona, Italy.
- 03/'25 – 06/'25 *Experimental and healthcare pedagogy* (approx. 25 students enrolled). Advanced course conducted at the Marche Polytechnic University, Ancona, Italy.
- 03/'25 – 06/'25 *Foundations of the scientific method* (approx. 25 students enrolled). Advanced course conducted at the Marche Polytechnic University, Ancona, Italy.
- 03/'25 – 06/'25 *Foundations of the scientific method* (together with M. Sikorski; approx. 25 students enrolled). Advanced course conducted at the Marche Polytechnic University, Ancona, Italy.
- 03/'24 – 06/'24 *Experimental and healthcare pedagogy* (approx. 25 students enrolled). Advanced course conducted at the Marche Polytechnic University, Ancona, Italy.
- 03/'24 – 06/'24 *Foundations of the scientific method* (together with M. Sikorski; approx. 25 students enrolled). Advanced course conducted at the Marche Polytechnic University, Ancona, Italy.
- 03/'24 – 06/'24 *Sociology of cultural and communicative processes* (approx. 25 students enrolled). Advanced course conducted at the Marche Polytechnic University, Ancona, Italy.
- 04/'20 – 06/'20 *Causation, explanation, and policy making* (approx. 15 students enrolled). Advanced course conducted at the [University of Groningen](#), Netherlands.
- 11/'18 – 02/'19 *Theories of causation* (approx. 10 students enrolled). Advanced course conducted at the University of Groningen, Netherlands.
- 10/'18 *Causal modeling* (guest lecture in J.-W. Romeijn's course *Methods of philosophy, politics and economics*; approx. 15 students enrolled). Advanced course conducted at the University of Groningen, Netherlands.
- 04/'18 – 09/'18 *Mental causation* (approx. 20 students enrolled). Advanced course conducted at the [Heinrich Heine University Düsseldorf](#), Germany.
- 10/'17 – 03/'18 *Contemporary readings in epistemology* (together with C. J. Feldbacher-Escamilla; approx. 20 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'18 – 03/'19 *Philosophical writing* (together with C. J. Feldbacher-Escamilla; approx. 20 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'17 – 09/'17 *Introduction to ethics of science* (together with A. Christian; approx. 40 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'16 – 03/'17 *Contemporary readings in metaphysics* (approx. 30 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.

## Teaching (continued)

- 10/'16 – 03/'17 *Contemporary readings on free will* (approx. 30 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'16 – 09/'16 *Modern debates concerning the relationship between body and mind* (together with D. Hommen; approx. 40 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'15 – 09/'15 *Causal discovery* (approx. 20 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'14 – 09/'14 *Causal modeling* (approx. 10 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'11 – 03/'12 *Formalizing philosophical theories* (approx. 10 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'11 – 09/'11 *Causality* (approx. 10 students enrolled). Advanced course conducted at the Heinrich Heine University Düsseldorf, Germany.

### *Basic Courses*

- 10/'25 – 01/'26 *Scientific English* (approx. 50 students enrolled). Basic course conducted at the Marche Polytechnic University, Ancona, Italy.
- 10/'21 – 03/'22 *Philosophy of science* (approx. 45 students enrolled). Basic course conducted at [Witten/Herdecke University](#), Germany.
- 11/'21 *Theory of science* (approx. 40 students expected). Basic course conducted at Witten/Herdecke University, Germany.
- 10/'21 *Scientific reasoning and its relevance for society* (together with C. J. Feldbacher-Escamilla; approx. 90 students enrolled). Basic course conducted at the [Information Technologies, Mechanics and Optics University](#), Saint Petersburg, Russia.
- 04/'21 – 09/'21 *Philosophy of artificial intelligence* (approx. 50 students enrolled). Basic course conducted at [Ludwig Maximilian University of Munich](#), Germany.
- 10/'20 – 03/'21 *Philosophy of science* (approx. 35 students enrolled). Basic course conducted at Witten/Herdecke University, Germany.
- 09/'20 *Conceptual analysis of trends in science today* (together with C. J. Feldbacher-Escamilla; approx. 60 students enrolled). Basic course conducted at the Information Technologies, Mechanics and Optics University, Saint Petersburg, Russia.
- 04/'18 – 09/'18 *Philosophy of science* (together with C. J. Feldbacher-Escamilla; approx. 60 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'17 – 09/'17 *Laws of nature* (together with A. Christian; approx. 25 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'16 – 03/'17 *Logic I* (several stand-in classes for M. Schrenk; approx. 300 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.

## Teaching (continued)

- 04/'16 – 09/'16 *Naming and necessity* (together with C. J. Feldbacher; approx. 10 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'15 – 03/'16 *Karl Popper: The logic of scientific discovery* (approx. 15 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'13 – 03/'14 *Scientific explanation* (approx. 15 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'13 – 09/'13 *Theories of causality* (approx. 15 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'12 – 03/'13 *David Hume: An enquiry concerning human understanding* (together with D. Hommen; approx. 45 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'11 – 09/'11 *Rudolf Carnap: The logical structure of the world* (approx. 10 students enrolled). Basic course conducted at the Heinrich Heine University Düsseldorf, Germany.

### *Exercise Courses*

- 10/'14 – 03/'15 *Logic I* (approx. 40 students enrolled). Exercise course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'12 – 03/'13 *Logic I* (approx. 75 students enrolled). Exercise course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 04/'12 – 09/'12 *Scientific working techniques* (approx. 10 students enrolled). Exercise course conducted at the Heinrich Heine University Düsseldorf, Germany.
- 10/'07 – 02/'08 *Introduction to philosophy* (approx. 30 students enrolled). Exercise course conducted at the [University of Salzburg](#), Austria.

## Theses Supervision

### *PhD Theses*

1. Zhang, Z. (2028). *Quantitative inference and causation in the health and the social sciences: Bridging the gap* (Unpublished PhD thesis) [Supervisor #1: A. Gebharter, supervisor #2: B. Osimani]. Department of Biomedical Sciences and Public Health, Marche Polytechnic University, Italy.

### *Master Theses*

2. Lüchinger, A. (2021). *Unified measures of causal explanatory power* (Unpublished master thesis) [Supervisor #1: A. Gebharter, supervisor #2: A. Reutlinger]. Faculty of Philosophy, Philosophy of Science, and Study of Religion, Ludwig Maximilian University Munich, Germany.
1. Ullmann, L. (2021). *Philosophizing about thinking in terms of the Turing test* (Unpublished master thesis) [Supervisor #1: A. Gebharter, supervisor #2: S. Hartmann]. Faculty of Philosophy, Philosophy of Science, and Study of Religion, Ludwig Maximilian University Munich, Germany.

## Theses Supervision (continued)

### *Bachelor Theses*

14. Houtman, M. (2021). *A nudge into the right direction: A discussion of John Stuart Mill's liberalism* (Unpublished bachelor thesis) [Supervisor: B. Streumer, second reader: A. Gebharter]. Faculty of Philosophy, University of Groningen, Netherlands.
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12. Theissen, M. M. (2021). *Revisiting the free will-determinism debate from a promising angle, non-reductive physicalism* (Unpublished bachelor thesis) [Supervisor: A. Gebharter, second reader: D. D. Brandenburg]. Faculty of Philosophy, University of Groningen, Netherlands.
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10. Krom, J. P. T. (2020). *Plato's politics in the 21st Century: A discussion of Plato's political philosophy in The Republic from a contemporary perspective* (Unpublished bachelor thesis) [Supervisor: A. Gebharter, second reader: C. E. Knowles]. Faculty of Philosophy, University of Groningen, Netherlands.
9. van Haaren, S. (2019). *Gödel's mind: An incomprehensible machine?* (Unpublished bachelor thesis) [Supervisor: A. Gebharter, second reader: F. Keijzer]. Faculty of Philosophy, University of Groningen, Netherlands.
8. March, J. (2019). *Towards scientific integrated panpsychism: A reconciliation of the integrated information theory and panpsychism* (Unpublished bachelor thesis) [Supervisor: F. Keijzer, second reader: A. Gebharter]. Faculty of Philosophy, University of Groningen, Netherlands.
7. Suijker, C. A. (2019). *A Conflict of gender identities: Unjustified pathologizing in the DSM-V* (Unpublished bachelor thesis) [Supervisor: M. Lenz, second reader: A. Gebharter]. Faculty of Philosophy, University of Groningen, Netherlands.
6. Valk, E. E. (2019). *Challenging the paradigm: Positioning N. N. Taleb's theory of antifragility* (Unpublished bachelor thesis) [Supervisor: A. Gebharter, second reader: C. E. Evink]. Faculty of Philosophy, University of Groningen, Netherlands.
5. de Vries, E. (2019). *Free will in Buddhist philosophy* (Unpublished bachelor thesis) [Supervisor: A. Sangiacomo, second reader: A. Gebharter]. Faculty of Philosophy, University of Groningen, Netherlands.
4. Köthe, C. (2017). *Ontology of music: Identity, persistence, and other issues* (Unpublished bachelor thesis) [Supervisor #1: A. Gebharter, supervisor #2: G. Vosgerau]. Department of Philosophy, Heinrich Heine University Düsseldorf, Germany.
3. Eisinger, R. S. M. (2016). *Language and reality in Wittgenstein* (Unpublished bachelor thesis) [Supervisor #1: A. Becker, supervisor #2: A. Gebharter]. Department of Philosophy, Heinrich Heine University Düsseldorf, Germany.

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2. Koch, D. (2015). *Modeling and simulation of biological systems: A case study in chronic myelogenous leukemia using causal Bayesian networks* (Unpublished bachelor thesis) [Supervisor #1: A. Gebharter, supervisor #2: M. Schrenk]. Department of Philosophy, Heinrich Heine University Düsseldorf, Germany.
1. Henne, C. (2013). *John Searl's Chinese room argument* (Unpublished bachelor thesis) [Supervisor #1: G. Vosgerau, supervisor #2: A. Gebharter]. Department of Philosophy, Heinrich Heine University Düsseldorf, Germany.