

UNIVERSITY OF MILAN

Public selection for recruiting No. __ research fellow(s) under art.24, paragraph 3.b, of Law No.240/2010 for competition sector 11/C2 - Logica, Storia e Filosofia della Scienza _____, (scientific-disciplinary sector M-FIL/02 - Logica e Filosofia della Scienza _____) at the Department of Dipartimento di FILOSOFIA "PIERO MARTINETTI" _____, (announcement published on Official Gazette No. 4615 to No.4643 _____ of ____ No.35 of 4 May 2021 _____) - Competition code 4621 _____

**[Name and Surname]
CURRICULUM VITAE****PERSONAL DATA (DO NOT WRITE YOUR PERSONAL ADDRESS AND LANDLINE OR MOBILE PHONE NUMBER)**

Surname	Landes
Name	Jürgen
Date of Birth	04,05,1979

**INSERT YOUR CURRICULUM VITAE
(up to 30 pages)**

Date

28.5.2021

Place

Daehan

Ludwigstr. 31, Room 129
Munich Center for Mathematical Philosophy
D-80539 Munich
Germany

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Research Profile

Areas of Specialisation: Philosophy of Science and Medicine, Inductive Logic

Areas of Competence: Logic, Philosophy of Probability, Decision Making, Artificial Intelligence

Education and Employment

- **LMU Munich, Munich Center for Mathematical Philosophy** Munich, Germany
Principal Investigator of two Projects October 2018 - present
 - Project: [Evidence and Objective Bayesian Epistemology](#)
 - Keywords: General Philosophy of Science, Evidence Aggregation, Maximum Entropy
 - Project: [Foundations, Applications & Theory of Inductive Logic](#)
 - Research Network of 15 Scholars
- **LMU Munich, Munich Center for Mathematical Philosophy** Munich, Germany
Research Associate October 2015 - September 2018
 - Project: [Philosophy of Pharmacology](#)
 - Principal Investigator: [Barbara Osimani](#)
 - Keywords: Philosophy of Medicine, Evidence Aggregation, Causal Assessment
- **University of Kent, Centre for Reasoning** Canterbury, United Kingdom
Research Associate September 2012 - August 2015
 - Project: [From objective Bayesian epistemology to inductive logic](#)
 - Keywords: Objective Bayesian Epistemology, Inductive Logic, Philosophy of Probability
 - Principal Investigator: [Jon Williamson](#)
- **FOM** Munich, Germany
Postdoc December 2010 - April 2012
 - Project: [Electronic Labour Market](#)
 - Keywords: Multi-Agent-Systems, Automated Negotiation, Argumentation
 - Principal Investigator: [Ricardo Büttner](#)
- **Laboratory of Environmental Biotechnology** Narbonne, France
Postdoc May 2009 - April 2010
 - Project Group: [ELSA-LCA](#)
 - Keywords: Multi-Criterial Decision Making, Life Cycle Assessment
 - Advisors: [Laurent Lardon](#) and [Jean-Philippe Steyer](#)

- **University of Manchester** Manchester, United Kingdom
PhD Mathematical Logic March 2006 - April 2009
 - Thesis: [The Principle of Spectrum Exchangeability within Inductive Logic](#)
 - Keywords: Carnapian Inductive Logic, Uncertain Reasoning, Probability Logic
 - Advisor: [Jeff Paris](#)
- **École Normale Supérieure de Lyon** Lyon, France
Visiting Research Student May 2007 - July 2007
 - Keywords: Quantum Computing, Non-Adaptive Algorithms, Computational Complexity
 - Advisor: [Pascal Koiran](#)
- **University of Freiburg** Freiburg, Germany
“Diploma” Mathematics 2002 - 2005
 - Keywords: Logic, Parameterized Complexity, Model Checking, Satisfaction Problems
 - Advisor: [Jörg Flum](#)
 - Thesis: [The \$W^*\$ -Hierarchy](#)
- **Technical University of Denmark** Lyngby, Denmark
Erasmus Exchange Student 2001 - 2002
- **Goethe University Frankfurt** Frankfurt, Germany
Intermediate Exam in Mathematics, minor: Physics 1999 - 2001

Teaching

Graduate modules starred.

- **Introduction to Game Theory and Group Epistemology *** [Göttingen Graduate School of Social Sciences](#)
Convenor September 2021
- **Philosophy of Social Sciences: An Introduction** [Munich Center for Mathematical Philosophy](#)
Convenor Winter Term 2020
- **Central Topics in the Philosophy of Science *** [Munich Center for Mathematical Philosophy](#)
Convenor Winter Term 2019
- **Metaphysics: An Introduction** [Munich Center for Mathematical Philosophy](#)
Convenor Summer Term 2019
- **Philosophy of Medicine: An Introduction** [Munich Center for Mathematical Philosophy](#)
Convenor Winter Term 2018
- **Philosophy of Artificial Intelligence** [Munich Center for Mathematical Philosophy](#)
Convenor Summer Term 2018
- **Philosophy of Economics *** [Munich Center for Mathematical Philosophy](#)
Convenor Winter Term 2017
- **Introduction to Game Theory *** [Munich Center for Mathematical Philosophy](#)
Convenor Summer Term 2017

- **Rational Choice Theory *** Munich Center for Mathematical Philosophy
Convenor Winter Term 2016
 - **Philosophy of Probability and Statistics *** Munich Center for Mathematical Philosophy
Convenor Summer Term 2016
 - **Philosophy of Game-Theoretic Probability** Ten guest lectures by Glenn Shafer at the MCMP
Seminar Leader with Thomas Augustin, Barbara Osimani and Roland Poellinger March 2016
 - **Bayesian Epistemology *** Department of Philosophy at the University of Lund, Sweden
Convenor; funded by the EU's Erasmus+ Teaching Programme May 2015
 - **Maximum Entropy and Inductive Logic *** Spring School on inductive logic
Convenor April 2015
 - **Logic for Philosophy Students** University of Kent
Teaching Assistant Autumn Term 2014
 - **Rational Belief Formation *** Munich Center for Mathematical Philosophy
Convenor; funded by the EU's Erasmus Teaching Programme July 2014
 - **Reading group on Tychomancy *** by Michael Strevens University of Kent
Convenor March 2014 - June 2014
 - **Decision Making *** University of Kent
Lead Teacher January 2014 - February 2014
 - **Reading group Evolution and Rationality *** by Okasha & Binmore University of Kent
Convenor May 2013 - September 2013
 - **Mathematics 1 for Business Psychology Students** Hochschule Fresenius Munich
Teaching Assistant March 2012 - June 2012
 - **Mathematics 1 for Business Administration Students** Hochschule Fresenius Munich
Teaching Assistant September 2011 - January 2012
 - **Calculus 1 for Physics Students** Technische Universität München
Teaching Assistant October - November 2010
 - **Mathematical Logic for Computer Scientists** University of Freiburg
Teaching Assistant Summer Semester 2005
 - **Introduction to Mathematical Logic for Mathematicians** University of Freiburg
Teaching Assistant Winter Semester 2004 - 2005
- [Certificate for Teaching in Higher Education of the Bavarian Universities](#) issued by the LMU Munich;
seminars attended: blended learning, consulting students, examining, flip charts, innovation through reflection, leadership, legal issues, presenting, supporting academic writing, teaching attitudes.

Supervision and Examining

- I have agreed to act as an external reviewer for Aaron Green (PhD candidate at the [Department of Media Studies](#) at the Technological University Dublin) who is supervised by [Harry Browne](#).

- In 2019-2020, I supervised Timo Ebner's a bachelor thesis with the title *Do classical arguments against AI still apply today?*.
- In 2017, I supervised Peter Baumann's bachelor thesis [Transformation of Propositional Attitudes in Epistemic Networks](#).
- I was the external PhD examiner of Tahel Ronel at the School of Mathematics at the University of Manchester. The title of her thesis is [Symmetry Principles in Polyadic Inductive Logic](#). On 15.Feb.2016 Tahel Ronel passed the viva without corrections.
- I was the third PhD supervisor of [Dr. Teddy Groves](#) (2012 - 2015). The title of his thesis is [Let's Reappraise Carnapian Inductive Logic!](#).
- I was the academic mentor of Dr. [Veli-Pekka Parkkinen](#) at the University of Kent.
- I co-supervised one bachelor thesis at the FOM on multi criteria decision making.
- I have written five second assessments of "diploma" and master's theses at the FOM.

External Funding

- | | |
|---|---|
| • Fast Methods
Principal Investigator and Applicant | German Research Foundation
In Preparation, ~€ 700,000 |
| • Theory and Application of Inductive Logic
Principal Investigator and Applicant | German Research Foundation
Scientific Network , € 58,743 |
| • Evidence and Objective Bayesian Epistemology
Principal Investigator and Applicant | German Research Foundation
Standard Research Grant, € 294,900 |
| • One week teaching trip to Lund in 2015
Applicant | Erasmus+ Teaching Mobility
flights, accommodation and expenses |
| • Prolog 2015
Co-applicant | AHRC, Analysis, BLC, BPS, Centre for Reasoning, KIASH, LMS, MIND
Conference, £ 4,627 |
| • One week teaching trip to Munich in 2014
Applicant | Erasmus+ Teaching Mobility
Flights, accommodation and expenses |
| • Inductive Logic and Confirmation in Science 2013
Co-applicant | BPS, Centre for Reasoning
Conference, £ 750 |

Talks (selected)

I have attend a great number of conferences/workshops (49 and counting), see my [website](#) for the complete list. The most recent important talks were

- [Summer School on Mathematical Philosophy for Female Students 2021](#), *Objective Bayesian Epistemology: An Introduction*.
- [Bayesian Epistemology: Perspectives and Challenges](#), *Objective Bayesian Epistemology*.

- [Interdisciplinarity of Inductive Logic](#), *MaxEnt and the requirement to update on ALL the available evidence*.
- [European Philosophy of Science Association](#), organiser of a symposium on *Biases in the Sciences and Science-Based Policy*, title of my talk *On the Assessed Strength of Agents' Bias*.
- [British Society for the Philosophy of Science](#), organiser of a symposium on *Biases in the Sciences and Science-Based Policy*, title of my talk *On the Assessed Strength of Agents' Bias*.
- [Prolog 2019](#), *The Entropy-Limit Conjecture for Π_1 -Constraints on Predicate Languages*.
- [Formal Epistemology Workshop 2019](#), *The Variety of Evidence Thesis and its Dependence on Degrees of Independence*.
- [Biases in Science](#), *On the Assessed Strength of Agents' Bias*.
- [Austrian Agency for Health and Food Safety](#) and [Austrian Federal Office for Safety in Health Care](#), *Evidence Synthesis: Drug Reaction with Eosinophilia with Systemic Symptoms and Amoxicillin*.
- [WHO affiliated Uppsala Monitoring Centre](#), *Evidence Synthesis: Asthma and Paracetamol*.
- [Philosophy Department of the University of Kent](#), Canterbury, *Evidence Synthesis*; invited.
- [Issues in Medical Epistemology 2017](#), Cologne, *Variety, Reliability, Confirmation and Drug Safety*.
- [Salzburg Conference for Young Analytic Philosophy 2017](#), *Philosophy of Pharmacology and Causal Assessment*; invited.
- [European Philosophy of Science Association 2017](#), *Variety of Evidence*.
- [European Congress of Analytic Philosophy 9 2017](#), *Variety of Evidence*.
- [British Society for the Philosophy of Science 2017](#), *Variety of Evidence*.
- [Mechanisms in medicine 2017](#), *Mechanisms, Drug Safety and Varied Evidence*.
- [Nordic Network for Philosophy of Science 2017](#), *Exact Replication or Varied Evidence?*
- [Duesseldorf Center for Logic and Philosophy of Science](#), *Objective Bayesianism and Entropy*, 2016 invited.
- [Formal Epistemology Workshop 2016](#), *Invariant Equivocation*.
- [Entropy Workshop](#), *Objective Bayesian Nets from Consistent Datasets: Theory and Implementation*, invited.

Conference Organisation

- I'm organising [Prolog 2021](#). The themes of this conference are inductive logic and entropy.
- [Michael Wilde \(Kent\)](#) and I are organising an online conference on [Philosophy and Methodology of Medicine](#) taking place in June 2021.
- I organised a Summer school and a conference on [Bayesian Epistemology: Perspective and Challenges](#) which took place in August 2020.

- I co-organised a workshop on [Drug Safety, Probabilistic Causal Assessment, and Evidence Synthesis](#) which took place in January 2017.
- I was in the program committee of [MuST 9: Evidence, Inference, and Risk](#) and the [2nd Munich Graduate Workshop in Mathematical Philosophy: Formal Epistemology](#).
- I co-organised [Prolog 2015 – The Seventh Workshop on Combining Probability and Logic](#) and the [preceding Spring School on inductive logic](#) held in April 2015 in Canterbury.
- I co-organised [Inductive Logic and Confirmation in Science 2013](#) held in Paris.

Reviewing

- Journals (in alphabetical order): [Analysis](#), [British Journal for the Philosophy of Science](#), [Canadian Journal of Philosophy](#), [Dialectica](#), [Entropy](#), [European Journal for Philosophy of Science](#), [European Journal of Operational Research](#), [Erkenntnis](#), [Foundations of Science](#), [Frontiers in Pharmacology](#), [Historical Social Research](#), [IEEE Access](#), [International Studies in the Philosophy of Science](#), [International Journal of Approximate Reasoning](#), [Journal for General Philosophy of Science](#), [Journal of Applied Logic](#), [Journal of Biomedical Informatics](#), [Journal of Evaluation in Clinical Practice](#), [Journal of Logic, Language and Information](#), [Journal of Philosophical Logic](#), [Kriterion](#), [Metrika](#), [Mind](#), [Minds and Machines](#), [Noûs](#), [Philosophical Studies](#), [Philosophy of Medicine](#), [Philosophy of Science](#), [Quarterly Journal of the Royal Meteorological Society](#), [Review of Symbolic Logic](#), [Studies in History and Philosophy of Science Part A](#), [Synthese](#), [Theoria](#), [Theory & Decision](#) and [Topoi](#).
- Research project proposal: [UK's Engineering and Physical Sciences Research Council](#).
- Book proposal: [Synthese Library Book Series](#).
- Conference contributions: [International Conference for Philosophy of Science and Formal Methods in Philosophy](#), [Bayes by the Sea 2019](#), [Eighth European Congress of Analytic Philosophy](#).
- Contributed book chapter: [Uncertainty in Pharmacology: Epistemology, Methods and Decisions](#), editors Adam La Caze and Barbara Osimani. [Boston Studies in Philosophy of Science](#), 2019.
- I have written [31 reviews](#) for the [Zentralblatt MATH](#).

Selection Committee

- [2 Postdoc Positions in Philosophy of Science](#) [Munich Center for Mathematical Philosophy](#)
Committee Member 2020

Unsuccessful Major Funding Applications

- **Fast Drugs** [DFG: Response to the Outbreak of SARS-CoV-2](#)
Principal Investigator and Applicant Under Review, € 699,400
- **Covid-19 Responses** [Horizon 2020 Corona Response](#)
Governmental Decision Making under Uncertainty PI of Work Package with 93.4 Person Months

- **The Principle of Total Evidence**
UK's Arts and Humanities Research Council
£ 308,477.44

Named research assistant and co-author
Standard Reserach Grant

- **Inductive Logic, Johnson's Principle and Equality**
UK's Engineering and Physical Sciences Research Council

Applicant
Call: Postdoctoral Fellowships 2010

Editing

- I'm guest-editing a special issue with the open access journal [Kriterion](#) on "Bayesian Epistemology: Current Perspectives and Challenges", currently [calling for and processing submissions](#).
- [Stefano Bonzio](#), [Barbara Osimani](#) and I guest-edited a special issue on the "notion of reliability" with [Synthese](#).
- [Samuel C. Fletcher](#), [Roland Poellinger](#) and I guest-edited a special issue on "[Evidence Amalgamation in the Sciences](#)" with [Synthese](#).
- Jon Williamson and I guest-edited a [special issue](#) of the [Journal of Applied Logic](#) devoted to the themes of [Prolog 2015](#). The editorial can be found [here](#).
- Jon Williamson and I guest-edited a [special issue](#) of [Entropy](#) entitled "Maximum Entropy Applied to Inductive Logic and Reasoning".

Computer Programming Competences

- Matlab/Octave: Bayes Net Toolbox

Language Competences

- **German:** native
- **English:** fluent
- **French:** fluent in spoken French
- **Danish:** basic reading

Misc

- My [Erdős Number](#), which is a measure of the "collaborative distance" between mathematician Paul Erdős and another person, is [three](#): [Paul Erdős](#) - [George Mills](#) - [Jeff Paris](#) - [Jürgen Landes](#).
- Coach of the University of Kent Table Tennis Club *2013 – 2015*
- Captain of the University of Manchester Table Tennis Club *2006 – 2008*

- Member of the University of Manchester Table Tennis Team *2006 – 2009*
- Member of the University of Manchester Volleyball Team *2007*
- Leader of almost a dozen summer and winter camps, organised by the [Sportjugend Hessen](#) *1999 – 2008*

References

- **Professor Stephan Hartmann** Director of the Munich Center for Mathematical Philosophy
Head of Habilitation Committee Munich, Germany
S.Hartmann@lmu.de
- **Professor Jon Williamson** University of Kent
Advisor and co-author Canterbury, United Kingdom
j.williamson@kent.ac.uk
- **Professor Hannes Leitgeb** Director of the Munich Center for Mathematical Philosophy
Member of Habilitation Committee and PhD Examiner Munich, Germany
hannes.leitgeb@lmu.de
- **Professor Jeff Paris** University of Manchester
PhD supervisor and co-author Manchester, United Kingdom
jeffparis49@gmail.com
- **Doctor Silvia Jonas** Munich Center for Mathematical Philosophy
Teaching Reference Munich, Germany
Silvia.Jonas@lrz.uni-muenchen.de

List of Publications

Journal Articles

- [1] Francesco De Pretis and Jürgen Landes. *A softmax algorithm for evidence appraisal aggregation*. Plos One, 2021. Accepted.
- [2] Francesco De Pretis, Jürgen Landes and William J. Peden. *Artificial Intelligence Methods For a Bayesian Epistemology-Powered Evidence Evaluation*. Journal of Evaluation in Clinical Practice, 27 (3): pages 504–512, 2021. URL <https://doi.org/10.1111/jep.13542>.
- [3] Jürgen Landes. *The Entropy-limit (Conjecture) for Σ_2 -Premisses*. Studia Logica, 109: pages 423–442, 2021. URL <https://doi.org/10.1007/s11225-020-09912-3>.
- [4] Jürgen Landes. *The variety of evidence thesis and its independence of degrees of independence*. Synthese, 2021. URL <https://doi.org/10.1007/s11229-020-02738-5>.
- [5] Jürgen Landes, Soroush Rafiee Rad and Jon Williamson. *Towards the Entropy-Limit Conjecture*. Annals of Pure and Applied Logic, 172, 2021. URL <https://doi.org/10.1016/j.apal.2020.102870>.
- [6] Jürgen Landes, Christian Wallmann and Jon Williamson. *The Principal Principle, admissibility, and normal informal standards of what is reasonable*. European Journal for Philosophy of Science, 11, 2021. URL <https://doi.org/10.1007/s13194-021-00352-x>.
- [7] Barbara Osimani and Jürgen Landes. *Varieties of Error and Varieties of Evidence*. British Journal for the Philosophy of Science, 2021. URL <https://doi.org/10.1086/714803>.

- [8] Jürgen Landes. *Variety of Evidence*. Erkenntnis, 85: pages 183–223, 2020. URL <https://doi.org/10.1007/s10670-018-0024-6>.
- [9] Jürgen Landes. *Variety of evidence and the elimination of hypotheses*. European Journal for Philosophy of Science, 10, 2020. URL <https://doi.org/10.1007/s13194-019-0272-6>.
- [10] Jürgen Landes and Barbara Osimani. *On the Assessed Strength of Agents’ Bias*. Journal for General Philosophy of Science, 51: pages 525–549, 2020. URL <https://doi.org/10.1007/s10838-020-09508-4>.
- [11] Yaman Abdin, Daniel J. Auker-Howlett, Jürgen Landes, Glorjen Mulla, Claus Jacob and Barbara Osimani. *Reviewing the Mechanistic Evidence Assessors E-Synthesis and EBM+: A Case Study of Amoxicillin and Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS)*. Current Pharmaceutical Design, 25 (16): pages 1866–1880, 2019. URL <https://doi.org/10.2174/1381612825666190628160603>.
- [12] Francesco De Pretis, Jürgen Landes and Barbara Osimani. *E-Synthesis: a Bayesian Framework for Causal Assessment in Pharmacosurveillance*. Frontiers in Pharmacology, 10, 2019. URL <https://doi.org/10.3389/fphar.2019.01317>. 17 pages supplementary material available at <https://www.frontiersin.org/articles/10.3389/fphar.2019.01317/full#supplementary-material>.
- [13] Jürgen Landes. *L&P-updating - All Bets Are Off*. The Reasoner, 12 (2): page 10, 2018. URL <https://blogs.kent.ac.uk/thereasoner/files/2018/01/TheReasoner-122.pdf>.
- [14] Jürgen Landes, Barbara Osimani and Roland Poellinger. *Epistemology of Causal Inference in Pharmacology*. European Journal for Philosophy of Science, 8: pages 3–49, 2018. URL <https://doi.org/10.1007/s13194-017-0169-1>.
- [15] James Hawthorne, Jürgen Landes, Christian Wallmann and Jon Williamson. *The Principal Principle implies the Principle of Indifference*. British Journal for the Philosophy of Science, 68: pages 123–131, 2017. URL <https://doi.org/10.1093/bjps/axv030>.

- [16] Jürgen Landes and George Masterton. *Invariant Equivocation*. Erkenntnis, 82: pages 141–167, 2017. URL <https://doi.org/10.1007/s10670-016-9810-1>.
- [17] Jürgen Landes. *Probabilism, Entropies and Strictly Proper Scoring Rules*. International Journal of Approximate Reasoning, 63: pages 1–21, 2015. URL <https://doi.org/10.1016/j.ijar.2015.05.007>.
- [18] Jürgen Landes and Jon Williamson. *Justifying objective Bayesianism on predicate languages*. Entropy, 17 (4): pages 2459–2543, 2015. URL <https://doi.org/10.3390/e17042459>.
- [19] George Darby and Jürgen Landes. *There Is More to a Paradox Than Credence*. Thought, 3 (2): pages 99–109, 2014. URL <https://doi.org/10.1002/tht3.117>.
- [20] Jürgen Landes. *Min-max decision rules for choice under complete uncertainty: Axiomatic characterizations for preferences over utility intervals*. International Journal of Approximate Reasoning, 55: pages 1301–1317, 2014. URL <https://doi.org/10.1016/j.ijar.2013.10.008>.
- [21] Jürgen Landes and Jon Williamson. *Objective Bayesianism and the maximum entropy principle*. Entropy, 15 (9): pages 3528–3591, 2013. URL <https://doi.org/10.3390/e15093528>.
- [22] Jürgen Landes, Jeff B. Paris and Alena Vencovská. *A survey of some recent results on Spectrum Exchangeability in Polyadic Inductive Logic*. Synthese, 181: pages 19–47, 2011. URL <https://doi.org/10.1007/s11229-009-9711-9>.
- [23] Pascal Koiran, Jürgen Landes, Natacha Portier and Penghui Yao. *Adversary lower bounds for nonadaptive quantum algorithms*. Journal of Computer and System Sciences, 76 (5): pages 347–355, 2010. URL <https://doi.org/10.1016/j.jcss.2009.10.007>.
- [24] Jürgen Landes, Jeff B. Paris and Alena Vencovská. *Representation Theorems for probability functions satisfying Spectrum Exchangeability in Inductive Logic*. International Journal of Approximate Reasoning, 51 (1): pages 35–55, 2009. URL <https://doi.org/10.1016/j.ijar.2009.07.001>.

- [25] Jürgen Landes, Jeff B. Paris and Alena Vencovská. *Some Aspects of Polyadic Inductive Logic*. *Studia Logica*, 90 (1): pages 3–16, 2008. URL <https://doi.org/10.1007/s11225-008-9140-7>.

Collections

- [26] Jürgen Landes. *Special Issue: Bayesian Epistemology: Current Perspectives and Challenges*. *Kriterion*, 2022. Currently processing submissions.
- [27] Stefano Bonzio, Jürgen Landes and Barbara Osimani. *Special Issue: Reliability*. *Synthese*, 2020. URL <https://doi.org/10.1007/s11229-020-02725-w>.
- [28] Samuel C. Fletcher, Jürgen Landes and Roland Poellinger. *Special Issue: Evidence Amalgamation in the Sciences*. *Synthese*, 196, 2019. URL <https://link.springer.com/journal/11229/196/8>.
- [29] Jürgen Landes and Jon Williamson. *Combining probability and logic*. *Journal of Applied Logic*, 14: pages 1–138, 2016. URL <http://www.sciencedirect.com/science/journal/15708683/14>.
- [30] Jürgen Landes and Jon Williamson. *Maximum Entropy Applied to Inductive Logic and Reasoning*. *Entropy*, 2015. URL http://www.mdpi.com/journal/entropy/special_issues/max_log_res.

Book Chapters

- [31] Francesco De Pretis, Jürgen Landes, Barbara Osimani and William J. Peden. *Pharmacovigilance as personalized evidence*. In Marta Bertolaso and Stefano Canali, editors, *Personalized Medicine in the Making*. Springer, 2021. 19 pages, forthcoming.
- [32] Jürgen Landes. *An Evidence-Hierarchical Decision Aid for Ranking in Evidence-Based Medicine*. In Barbara Osimani and Adam La Caze, editors, *Uncertainty in Pharmacology: Epistemology, Methods and Decisions*, volume 338 of *Boston Studies in Philosophy of Science*, chapter 11, pages 231–259. Springer, Cham, 2020. URL https://doi.org/10.1007/978-3-030-29179-2_11.

Book Reviews

- [33] Jürgen Landes. *Evolution and Rationality: Decisions, Co-operation and Strategic Behaviour*. By Samir Okasha and Ken Binmore. Philosophical Quarterly, 64 (255): pages 358–361, 2014. URL <https://doi.org/10.1093/pq/pqt040>.
- [34] Jürgen Landes. *Tychomancy*. By Micheal Strevens. International Studies in the Philosophy of Science, 28 (4): pages 446–448, 2014. URL <https://doi.org/10.1080/02698595.2014.979675>.

Publications in Conference Proceedings

- [35] Jürgen Landes and Jon Williamson. *Objective Bayesian nets from consistent datasets*. In Adom Giffin and Kevin H. Knuth, editors, *Proceedings of MaxEnt*, volume 1757, pages 020.007–1 – 020.007–8. AIP, 2016. URL <https://doi.org/10.1063/1.4959048>.
- [36] Ricardo Buettner and Jürgen Landes. *Web service based applications for electronic labor markets: A multi-dimensional price VCG auction with individual utilities*. In *Proceedings of ICIW*, pages 168–177. 2012. URL http://www.thinkmind.org/index.php?view=article&articleid=iciw_2012_6_20_20045.
- [37] Jürgen Landes and Ricardo Buettner. *Argumentation-Based Negotiation? Negotiation-Based Argumentation!* In *Proceedings of EC-Web*, volume 123 of *LNBIP*, pages 149–162. Springer, 2012. URL https://doi.org/10.1007/978-3-642-32273-0_13.
- [38] Jürgen Landes and Ricardo Buettner. *Job allocation in a temporary employment agency via multi-dimensional price VCG auctions using a multi agent system*. In *CPS Proceedings of MICAI2011*, pages 182–187. IEEE, 2011. URL <https://doi.org/10.1109/MICAI.2011.11>.
- [39] Jürgen Landes, Jeff B. Paris and Alena Vencovská. *A characterization of the Language Invariant families satisfying Spectrum Exchangeability in Polyadic Inductive Logic*. Annals of Pure and Applied Logic - Proceedings of IPM 2007, 161 (6): pages 800–811, 2010. URL <https://doi.org/10.1016/j.apal.2009.06.010>.

- [40] Jürgen Landes, Jeff B. Paris and Alena Vencovská. *Instantial Relevance in Polyadic Inductive Logic*. In Ramaswamy Ramanujam and Sundar Sarukkai, editors, *Proceedings of ICLA*, volume 5378 of *LNCs*, pages 162–169. 2009. URL https://doi.org/10.1007/978-3-540-92701-3_11.
- [41] Jürgen Landes, Jeff B. Paris and Alena Vencovská. *The Principle of Conformity and Spectrum Exchangeability*. In Eric Loewe, Benedikt Pacuit and Jan-Willem Romeijn, editors, *Proceedings of Foundations of the Formal Sciences VI*, pages 81–90. College Publications, 2009.
- [42] Pascal Koiran, Jürgen Landes, Natacha Portier and Penghui Yao. *Adversary Lower Bounds for Nonadaptive Quantum Algorithms*. In Wilfrid Hodges and Ruy de Queiroz, editors, *Proceedings of WoLLIC*, volume 5110 of *LNAI*, pages 226–237. Springer, 2008. URL https://doi.org/10.1007/978-3-540-69937-8_20.
- [43] Jürgen Landes, Jeff B. Paris and Alena Vencovská. *Language Invariance and Spectrum Exchangeability in Inductive Logic*. In K Mellouli, editor, *Proceedings of ECSQARU*, volume 4724 of *LNAI*, pages 151–160. Springer, 2007. URL https://doi.org/10.1007/978-3-540-75256-1_16.

Ph.D. Thesis

- [44] Jürgen Landes. *The Principle of Spectrum Exchangeability within Inductive Logic*. Ph.D. thesis, Manchester Institute for Mathematical Sciences, 2009. URL <https://jlandes.files.wordpress.com/2015/10/phdthesis.pdf>.

Miscellaneous

- [45] Jürgen Landes. *Bayesian Epistemology*. In *Oxford Bibliographies in Philosophy*. Oxford University Press, New York, 2021. URL <https://doi.org/10.1093/obo/9780195396577-0417>.
- [46] Jürgen Landes. *Minus times Minus*. The Reasoner, 15 (1): page 4, 2021. URL <http://blogs.kent.ac.uk/thereasoner/files/2021/01/TheReasoner-151.pdf>.

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