

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

+49 (0)89 2180 2902  
[juergen\\_landes@yahoo.de](mailto:juergen_landes@yahoo.de)

## Research Expertise

**Areas of Specialisation:** Formal Epistemology and Philosophy of Science

**Areas of Competence:** Philosophy of Medicine, Philosophy of Probability, Decision Making, Inductive Logic

## Education and Employment

- **LMU Munich, Munich Center for Mathematical Philosophy** Munich, Germany  
Research Associate October 2015 - present
  - Project: [Philosophy of Pharmacology](#)
  - Principal Investigator: [Barbara Osimani](#)
  - Keywords: Philosophy of Medicine, Foundations of Probability, Bayesian Reasoning
- **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 labor market](#)
  - Keywords: Multi-Agent-Systems, Automated Negotiation, Argumentation
  - Principal Investigator: [Ricardo Büttner](#)
- **Laboratory of Environmental Biotechnology** Narbonne, France  
Postdoc May 2009 - April 2010
  - Project: [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
  - Title of 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
  - Advisor: [Pascal Koiran](#)
- **University of Freiburg** Freiburg, Germany  
“Diploma” Mathematics 2002 - 2005
  - Keywords: Logic, Parameterized Complexity, Model Checking, Satisfaction Problems
  - Advisor: [Jörg Flum](#)
- **Technical University of Denmark** Lyngby, Denmark  
Erasmus Exchange Student 2001 - 2002
- **University of Frankfurt** Frankfurt, Germany  
“Pre-Diploma” in Mathematics, minor: Physics 1999 - 2001

## Teaching

- **Philosophy of Economics – upcoming** [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 Glen 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 for MA Philosophy Students** [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 University Teaching \(Basic\)](#) of the LMU: blended learning, consulting students, examining, flip chart, innovation through reflection, legal issues, presenting, teaching attitudes.

## Talks

I have attend a great number of conferences/workshops (40 and counting), see my [website](#) for the complete list. The most recent important and upcoming talks are/were

- [Salzburg Conference for Young Analytic Philosophy 2017](#) invited.
- [British Society for the Philosophy of Science 2017](#).
- [European Congress of Analytic Philosophy 9 2017](#).
- [European Philosophy of Science Association 2017](#).
- [Mechanisms in medicine 2017](#).
- [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 co-organised a workshop on [Drug Safety, Probabilistic Causal Assessment, and Evidence Synthesis](#) which took place in January 2017.
- 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.
- I was in the program committee of [MuST 9: Evidence, Inference, and Risk](#) and the [2nd Munich Graduate Workshop in Mathematical Philosophy: Formal Epistemology](#).

## Reviewing

- Peer reviewing for journals: [Analysis](#), [European Journal for Philosophy of Science](#), [European Journal of Operational Research](#), [Erkenntnis](#), [Historical Social Research](#), [International Journal of Approximate Reasoning](#), [Journal of Applied Logic](#), [Journal of Biomedical Informatics](#), [Journal of Philosophical Logic](#), [Mind](#), [Minds and Machines](#), [Philosophical Studies](#), [Philosophy of Science](#), [Review of Symbolic Logic](#), [Synthese](#) and [Theory & Decision](#).
- Research project proposal: [UK's Engineering and Physical Sciences Research Council](#).
- Book proposal: [Synthese Library Book Series](#).
- Conference contributions: [Eighth European Congress of Analytic Philosophy](#).
- Contributed book chapter: [Uncertainty in Pharmacology: Epistemology, Methods and Decisions](#), [Boston Studies in Philosophy of Science](#).
- I have written [23 reviews](#) for the [Zentralblatt MATH](#).

## External Funding

- |   |  |
|---|--|
| • <b>One week trip to Lund in 2015</b><br>Applicant                           | Teaching trip<br>flights, accommodation and expenses |
| • <b>Progic 2015</b><br>Co-applicant  | Conference<br>£ 4,627.00                             |
| • <b>One week trip to Munich in 2014</b><br>Applicant                         | teaching trip<br>Flights, accommodation and expenses |
| • <b>Inductive Logic and Confirmation in Science 2013</b><br>Co-applicant     | Conference<br>£ 750.00                               |
| • <b>Efficient Recruiting 2.0</b><br>Assistance of the principal investigator | Project<br>€310,000.00                               |
| • <b>Eyetracker</b><br>Assistance of the principal investigator               | Computer hardware<br>€48,600.00                      |

## Unsuccessful Funding Applications

- |  |   |
|--|---|
| • <b>The Principle of Total Evidence</b><br><a href="#">Arts and Humanities Research Council</a><br>£ 308,477.44 | Named research assistant and co-author<br>Standard Reserach Grant |
|--|---|

- **Inductive Logic, Johnson's Principle and Equality**  
Engineering and Physical Sciences Research Council  
Graded 6 on a scale from 1 to 6 by both reviewers

Author  
Call: Postdoctoral Fellowships 2010

## Supervision and Examining

- I currently supervise a master thesis on network epistemology and judgement aggregation.
- I was the external PhD examiner of Tahel Ronel at the School of Mathematics at the University of Manchester. The title of here thesis is *Symmetry Principles in Polyadic Inductive Logic*. On 15.Feb.2016 Tahel Rohel passed the viva without corrections.
- I was the third PhD supervisor of [Dr. Teddy Groves](#). 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.

## Editing

- [Samuel C. Fletcher](#), [Roland Poellinger](#) and I are guest-editing a special issue on "[Evidence Amalgamation in the Sciences](#)" with *Synthese*.
- Jon Williamson and I guest-edited a [special issue](#) of *Entropy* on "Maximum Entropy Applied to Inductive Logic and Reasoning". The editorial can be found [here](#).
- Jon Williamson and I guest-edited a [special issue](#) of the *Journal of Applied Logic* devoted to the themes of [Progic 2015](#). The editorial can be found [here](#).

## Computer Programming Competences

- **Matlab/Octave:** Basics and the 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 - Kenneth Kunen - 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

- [Assistant Professor Barbara Osimani](#) Munich Center for Mathematical Philosophy  
Advisor, co-author Munich, Germany  
– Email: [B.Osimani@lmu.de](mailto:B.Osimani@lmu.de)
- [Professor Jon Williamson](#) University of Kent  
Advisor, co-author Canterbury, United Kingdom  
– Email: [j.williamson@kent.ac.uk](mailto:j.williamson@kent.ac.uk)
- [Professor Jeff Paris](#) University of Manchester  
PhD supervisor and co-author United Kingdom  
– Email: [jeff.paris@manchester.ac.uk](mailto:jeff.paris@manchester.ac.uk)
- [Professor Stephan Hartmann](#) Munich Center for Mathematical Philosophy  
Co-Director of the MCMP Germany  
– Email: [S.Hartmann@lmu.de](mailto:S.Hartmann@lmu.de)
- [Professor Gregory Wheeler](#) Frankfurt School of Finance & Management  
Email: [g.wheeler@fs.de](mailto:g.wheeler@fs.de) Frankfurt