

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:**  
Logic, Formal Epistemology, Philosophy of Science
- **Areas of Competence:**  
Philosophy of Probability, Philosophy of Medicine, Bayesian Reasoning, Decision Making

## 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](#)

Visiting Research Student

Lyon, France  
May 2007 - July 2007

- Keywords: Quantum Computing, Non-Adaptive Algorithms
- Advisor: [Pascal Koiran](#)

- [University of Freiburg](#)

“Diploma” Mathematics

Freiburg, Germany  
2002 - 2005

- Keywords: Parameterized Complexity, Model Checking, Satisfaction Problems
- Advisor: [Jörg Flum](#)

- [Technical University of Denmark](#)

Erasmus Exchange Student

Lyngby, Denmark  
2001 - 2002

- [University of Frankfurt](#)

“Pre-Diploma” Mathematics

Frankfurt, Germany  
1999 - 2001

- Major: Mathematics, Minor: Physics

## Teaching

- **Philosophy of Economics – upcoming**

Convenor

[Munich Center for Mathematical Philosophy](#)

Winter Term 2017

- **Introduction to Game Theory**

Convenor

[Munich Center for Mathematical Philosophy](#)

Summer Term 2017

- **Rational Choice Theory**

Convenor

[Munich Center for Mathematical Philosophy](#)

Winter Term 2016

- **Philosophy of Probability and Statistics**

Convenor

[Munich Center for Mathematical Philosophy](#)

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**

Convenor; funded by the EU’s [Erasmus+ Teaching Programme](#)

[Department of Philosophy at the University of Lund, Sweden](#)

May 2015

- **Maximum Entropy and Inductive Logic**

Convenor

[Spring School on inductive logic](#)

April 2015

- **Logic for Philosophy Students**

Teaching Assistant

[University of Kent](#)

Autumn Term 2014

- **Rational Belief Formation**

Convenor; funded by the EU’s [Erasmus Teaching Programme](#)

[Munich Center for Mathematical Philosophy](#)

July 2014

- **Reading group on [Tychomancy](#) by [Michael Strevens](#)**

Convenor

[University of Kent](#)

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: completed 48 of 60 hours: blended learning, flip chart, legal issues, teaching attitudes, innovation through reflection, consulting students.  
Expected completion in Summer 2017.

## Talks

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

- [Salzburg Conference for Young Analytic Philosophy 2017](#) invited,
- [Nordic Network for Philosophy of Science 2017](#),
- [Duesseldorf Center for Logic and Philosophy of Science](#), *Objective Bayesianism and Entropy*, 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](#), [Philosophy of Science](#), [Review of Symbolic Logic](#), [Synthese](#) and [Theory & Decision](#).
- Book reviewing: [Synthese Library Book Series](#).
- Conference Reviewing: [Eighth European Congress of Analytic Philosophy](#).
- Reviewing of a project proposal: [UK's Engineering and Physical Sciences Research Council](#).
- I also [review](#) 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>Prolog 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 External Funding Applications

- |   |   |
|---|---|
| • <b>The Principle of Total Evidence</b><br><a href="#">Arts and Humanities Research Council</a><br>Graded 4 on a scale from 1 to 6 £ 308,477.44                                      | Named research assistant and co-author<br>Standard Research Grant |
| • <b>Inductive Logic, Johnson's Principle and Equality</b><br><a href="#">Engineering and Physical Sciences Research Council</a><br>Graded 6 on a scale from 1 to 6 by both reviewers | Author<br>Call: Postdoctoral Fellowships 2010                     |

## Supervision and Examining

- 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](#). 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 graded all student essays written by the students in Lund with *pass*.
- I co-supervised one bachelor student thesis at the FOM on multi criteria decision making.
- I have written five second assessments of “diploma” and masters 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**: Basics and the Bayes Net Toolbox

## Language Competences

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

## Misc

