





JeremiasKnoblauch

Doctoral researcher in Statistics and Machine Learning

Objective

I research Statistical Machine Learning methods to advance the scope of tomorrow's real-time monitoring and decision making in complex dynamical systems.

Link Legend

-  Website link
-  Paper link
-  Slide show link
-  Document link

Address







77 Newcombe Road
Coventry CV56NH
United Kingdom

Contact





j.knoblauch@
warwick.ac.uk
+44 7380 294 574
<https://jeremiasknoblauch.github.io> 




Education

- 09/16–09/20 **PhD, Statistical Science** Oxford University/University of Warwick, GBR
Oxford-Warwick Statistics Programme (OxWaSP) 
Spatio-Temporal Inference for High-Dimensional Non-Stationary Processes
- 09/15–09/16 **MSc, Econometrics & Operations Research** Maastricht University, NLD
Graduated with distinction, GPA: 8.4/10 (top 2%), 60/60 ECTS 
Thesis: *Post Model Selection Inference for Weakly Stationary Time Series* 
- 09/12–09/15 **BSc, Econometrics & Operations Research** Maastricht University, NLD
Graduated with distinction, GPA: 8.7/10 (top 2%), 218.5/180 ECTS 
Exchange Programme: 07/14–02/15; University of Sydney
Thesis: *Estimating European Temperature Trends* 
- 09/02–09/11 **German Abitur** Teutonic Order College Bad Mergentheim, DEU
Graduated with distinction, Credit Points: 824/900 (top 1%) 
GPA 1.0; corresponds to 42/42 in International Baccalaureate
School prizes for literature, economics & religious studies

Publications

- 12/18 **NeurIPS/Neural Information Processing Systems 2018** Montréal, CAN
Doubly Robust Bayesian Inference for Non-Stationary Streaming Data with β -Divergences (Jeremias Knoblauch, Jack Jewson & Theo Damoulas) 
#1 Publication outlet for Artificial Intelligence (h5-index, Google Scholar) 
- 7/18 **ICML/International Conference on Machine Learning 2018** Stockholm, SWE
Spatio-temporal Bayesian On-line Changepoint Detection with Model Selection (Jeremias Knoblauch & Theo Damoulas) 
#2 Publication outlet for Artificial Intelligence (h5-index, Google Scholar) 

Work Experience

- 06/11–08/12 **Project Manager: Model UN Baden-Württemberg** Stuttgart, DEU
Management of a 5 day conference with 550 participants
Held in Baden-Württemberg's state ministry for Economics & Finance
Responsibilities: €120,000 budget, delegating 65 staff, communication with sponsor (Daimler AG) 
- 07–08/13 **Intern: Financial Analysis, Commerzbank AG WHQ** Frankfurt, DEU
Financial reporting & analysis in second largest German bank
Automation using Visual Basic & Python

Programming

beginner advanced

Python
R
C++/C
Java
Mathematica

Skills

notable strong

perseverance
creativity
team player
patience
experience

Languages

beginner fluent

German
English
Dutch
French

Hobbies

Bread Baking
Sports
Hiking
Meditation
Board Game Design

Fellowships

- 09/19–09/21 **Facebook Fellowship** Menlo Park, USA
Awarded to 21 applicants worldwide for outstanding academic excellence
Stipend of \$37,000 p.a., travel expenses of \$5,000 p.a., all tuition covered [↗](#)
- 08/18–09/20 **Visiting Researcher Fellowship at the Alan Turing Institute** London, GBR
Affiliation with the UK's National Institute for Data Science & AI [↗](#)
- 09/16–09/20 **EPSRC OxWaSP Fellowship** London, GBR
Award covering tuition fees, maintenance £14,254 p.a., £1,000 stipend p.a.
- 01/12–09/16 **Foundation of German Business' Klaus-Murmann Fellowship** Berlin, DEU
Awarded for outstanding academic & entrepreneurial excellence
Financial support of up to €18,000 p.a. [↗](#)
- 09/12–09/15 **Honours Programme Fellowship at Maastricht University** Maastricht, NLD
Awarded based on academic merit to <5% students per year
25% more coursework in extracurricular Computer Science courses [↗](#)

Awards

- 10/20 **NeurIPS 2018 travel award** Montréal, CAN
\$1,000 for travelling to NeurIPS 2018
- 05/18 **Reproducible Research Champions Award** London, GBR
Reproducibility award by the Alan Turing Institute for published work [↗](#)
- 09/15 **Student Prize at Maastricht University** Maastricht, NLD
Awarded for best thesis & best report in honours programme at the School of Business and Economics

Selected Presentations

- 05/12/18 **Neural Information Processing Systems 2018** Montréal, CAN
Oral & Poster presentations [↗](#)
- 25/10/18 **Facebook London's PhD Tech Talk 2018** London, GBR
Poster presentation [↗](#) [📄](#)
- 10/07/18 **International Conference on Machine Learning 2018** Stockholm, SWE
Oral & Poster presentations [↗](#) [📄](#)
- 06/07/18 **Glasgow School of Mathematics & Statistics** University of Glasgow, GBR
Statistics Seminar Series [↗](#) [📄](#)
- 05/07/18 **International Centre for Mathematical Sciences (ICMS)** Edinburgh, GBR
Workshop on Computation for Large-Scale Statistical Data Analysis [↗](#) [📄](#)

Extracurricular Activities

- 04/16 **Econometrics World Championship/Econometric Game** Amsterdam, NLD
Selected as part of Maastricht University's team; 11th–30th place
- 07/15 **WU23: World U23 Ultimate Frisbee World Championship** London, GBR
Player with the Dutch World-Under-23 Men's National Team; 20th place [↗](#)
- 11/12–06/14 **Foundation of German Business: Member in advisory board** Berlin, DEU
Elected representative of more than 1,500 fellows towards management