

Jens Fischer

Birthday/ -place: November 20, 1992 Karlsruhe, Germany
Nationality: German

Education

04.2016 - Present

University of Potsdam

Master of Science in Mathematics, 2 years program

Introductory Research Project:

On Stability and Simulation of nonlinear Hawkes processes

Research Project:

Schelling type segregation on graphs

09.2017 - 01.2018

- Exchange semester within the framework of the Erasmus+ program at the Université Lille 1, Laboratoire Paul Painlevé
- Scholarship from Labex CEMPI: Laboratoire d'Excellence Centre Européen

10.2012 - 04.2016

Karlsruhe Institute of Technology (KIT)

Bachelor of Science in Mathematics, 3 years program

Grade: good (2.3)

Bachelor thesis:

“On the theorems of Paley-Wiener and Titchmarsh”

Grade: very good (1.3)

Supervisor: Prof. Dr. Roland Schnaubelt

Teaching

10.2016 - Present

University of Potsdam

Analysis I & II for Mathematics Bachelor of Science
Foundations of Stochastics for Master of Data Science
Tutorials and exercise classes
Preparation of exercise sheets

04.2014 - 03.2016

Karlsruhe Institut for Technology (KIT)

Mathematical Methods for Bachelor of Science in Computer Sciences
Tutorials and exercise classes

Qualifications

Homepage

<https://jemathfischer.github.io/>

Research Interests

Agent based Modeling,
Dynamics of Complex Systems,
Dynamic random networks,
Moral Hazard Scenarios,
Links between PDE theory and Stochastic Processes,
(Multivariate) Hawkes Processes and Applications

Programming Skills

Python, R, Scilab / Matlab
<https://github.com/jeMATHfischer/>
<https://devpost.com/jeMATHfischer>

Language

German (C2), English (C1), French (B2)

Extracurricular Activities

10.2016 - Present

Supporter of the Effective Altruism movement

07.07.18 - 09.07.18, "Joy and suffering - What makes for sentience",
joint workshop with juFORUM e.V., Project Leader
02.18 - Present, Local Group Organizer
04.18 - 07.18, Seminar "Rationality and Empathy", Seminar Advisor
24.07.18 - 26.07.18, ISUS 2018, Poster on "AI Safety", Contributor

12.2013 - Present

Member of the scientific youth organization

"Deutsches Jungforschernetzwerk – juFORUM e.V."

Organisation of regional and interregional events and workshops

Awards and Fellowships

08.2017 - 01.2018

Labex CEMPI: Laboratoire d'Excellence Centre Européen

Full Scholarship for a semester in Lille, France

10.2012 - Present

e-fellows.net

Member Scholarship