

CHRISTINA STROBEL

cs@christina-strobel.de — christina-strobel.de

August 31, 2019

Andréestraße 11
80634 Munich, Germany
+49-176-8210-8985

Date of birth: September 7th, 1988
Citizenship: German
Gender: Female

EDUCATION

- Autumn 2017 **Visiting Assistant Researcher**
Yale University, United States of America
Host: Prof. Jason Dana
- 2015 - 2019 **Doctoral Candidate in Economics**
Friedrich-Schiller-University Jena, Germany
Thesis Title: Accountability and Appraisal of Artificial Intelligence
Main Advisers: Prof. Dr. Oliver Kirchcamp, Prof. Dr. Christoph Engel
- 2012 - 2015 **Master of Science in Management and Technology**
Technical University of Munich, Germany
Main Subjects: Finance, Accounting, Mechanical Engineering
- Autumn 2011 **Visiting Exchange Student**
Dongbei University of Finance and Economics Dalian, People's Republic of China
- 2010 - 2012 **Bachelor of Science in Management and Economics**
Johannes Gutenberg-University Mainz, Germany
Main Subjects: Finance, Accounting
- 2008 - 2010 **Studies in Political Science**
Johannes Gutenberg-University Mainz, Germany
Minor Subjects: Finance, Accounting, Economics

WORK EXPERIENCE

- 2015 - 2019 **Doctoral Research Fellow**
International Max Planck Research School on Adapting Behavior in a Fundamentally Uncertain World (IMPRS Uncertainty)
Friedrich-Schiller-University Jena, Germany
Conducting experimental research on the impact of automation on human behavior
- 2014 - 2015 **Student Employee in Strategic Purchase and Procurement Controlling**
Knorr-Bremse Rail Vehicle Systems GmbH, Germany
Optimization and management of the Supplier and Request Management System and the Supplier Performance Management System in cooperation with the internal IT-department and an external service provider
- 2013 - 2014 **Student Research Assistant at the Chair of Corporate Management**
Technical University of Munich, Germany
Programming of laboratory experiments and conducting of statistical analyses
- Spring 2012 **Intern in Corporate Finance Consulting**
FAS AG, Germany
Team lead on an internal project to develop a knowledge management system and support in financial service and valuation projects
- 2010 - 2011 **Deputy Chairman of the Board of Management**
berater e.V., Germany
Working in and managing the student management consultancy with about 60 active members

2005 - 2011 **Student Employee**
Metalltechnik Strobel e.K., Germany
*Support of the project planning, controlling, accounting and production department
in our family owned automotive supplier business*

SCHOLARSHIPS, AWARDS, CERTIFICATES

Full Grant Dissertation Scholarship - International Max Planck Research School on Adapting Behavior in a Fundamentally Uncertain World (IMPRS Uncertainty)

Pro Chance Scholarship Travel Grant - Friedrich-Schiller-University Jena

Award for outstanding commitment - Prof. Velthuis, Chair of Management, Johannes Gutenberg-University Mainz

PUBLICATIONS

Kirchkamp, O., Strobel, C. (2019). Sharing Responsibility with a Machine. Journal of Behavioral and Experimental Economics. 80, 25-33

Humans make decisions jointly with others. In doing so, they share responsibility for the outcome with their interaction partners. Today, more and more often the partner in a decision is not another human but, instead, a machine. Here we ask whether the type of the partner, machine or human, affects our responsibility, our perception of the choice and the choice itself. As a workhorse, we use a modified dictator game with two joint decision makers: either two humans or one human and one machine. We find no treatment effect on perceived responsibility or guilt. We also find only a small and insignificant effect on actual choices.

Presented at: Annual Meeting Verein für Socialpolitik 2017, Annual Congress of the European Economic Association 2017, 2nd Collier Conference on Behavioral Economics 2017, Prague Conference on Behavioral Sciences 2017

RESEARCH PROJECTS

Risk Taking under Accountability for Oneself and Others: A Laboratory Experiment
with Jason Dana (Yale University)

We examine whether decisions made under accountability differ for self and others using lottery choice tasks that contain only positive amounts (gaining lottery), positive and negative amounts (mixed lottery) and mainly negative amounts (losing lottery). We found that when being accountable, participants are significantly more risk averse for others than for themselves in the gaining lottery. Furthermore, we found participants to be significantly less risk averse when being accountable than when being not accountable to the person they decided for in the gaining lottery.

Presented at: Decision Making for Others 2018, Economic Science Association World Meeting 2018

What Drives People Crazy about Self-Driving Cars and What They Think Others Should Do: A Survey Approach
with Jason Dana (Yale University)

The objective of this explorative online survey is to examine the acceptance of different automated systems used in partly and fully autonomous cars as well as whether there is a difference between the level of acceptance for someone's own use or the desired usage by others. The majority of respondents express a high or very high acceptance rate for partly automated systems, however, when it comes to full automation the acceptance rate drops significantly. Moreover, the acceptance rate for roughly half of the systems does not differ significantly for own usage and the desired usage by others.

Presented at: 11th IMPRS Uncertainty Thesis Workshop

The Hidden Costs of Automation

Automated processes take over more and more tasks from humans. This is also the case in Performance-Related Pay (PRP) systems. The objective of this paper is to examine if performance is influenced by the usage of an automated PRP system and whether it matters if an authority, i.e. the company, or the line manager decides to use an automated PRP system. I analyze the consequences of an automated PRP compared to a manual PRP system on performance in a real labour market using an principal-agent setting, where the principal can either choose an appraisal system or the PRP system is selected by a random mechanism.

Presented at: 12th IMPRS Uncertainty Topics Workshop

Data Sharing in the eHealth and mHealth Sector

with Matthias Uhl (Technical University of Munich) - Work in progress

REFEREEING SERVICES

Journal of Economic Psychology, Decision Analysis

LANGUAGES

German (native) English (fluent) Spanish (conversational)

IT SKILLS

<i>Programming</i>		<i>Statistical software</i>		<i>Tools</i>	
HTML, zTree, oTree	★★★	R	★★★	LaTeX, Office	★★★
PHP, Java, Python, SQL	★	STATA, SPSS	★★	SAP	★★

EXTRA-CURRICULAR INTERESTS

Ethics & New Technologies – I participated in the 2018 FutureMobility Summit and the 2018 International Conference on Digitization and Business Ethics

Debating & Consulting – I debated at the 2018 North-East German Debating Championship and the 2017 German Debating Championship; I am a certified Consultant by the JCNetwork e.V.

Sport & Fitness – I am a runner and a passionate kite-surfer

REFERENCES

Oliver Kirchkamp

Professor for Empirical and Experimental Economics
Department of Economics
Friedrich-Schiller-University Jena
oliver@kirchkamp.de
Phone: +49-364-1943-240

Christoph Engel

Director
Max Planck Institute for Research
on Collective Goods
engel@coll.mpg.de
Phone: +49-228-9141-6210

Jason Dana

Assistant Professor of Management and Marketing
Yale School of Management
Yale University
jason.dana@yale.edu
Phone: +1-203-4328-085