

# Simon Scheller

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## Areas of Research

Philosophy of Economics, Political Philosophy, Collective Decision Making, Individual and Collective Rationality, Agent-based Modeling, Philosophy of Modeling, Social Epistemology, Bargaining Theory

## Academic Career

<b>Postdoctoral Fellow</b> , Munich Center for Mathematical Philosophy (MCMP)	10/2017 – current
<b>Dr. rer. pol.</b> , University of Bamberg. Supervisor: Johannes Marx Title: <i>Democratic Decision Making – A Theoretical Analysis</i> (summa cum laude; Bamberg University best dissertation award)	12/2017
<b>Ph.D Student</b> , Bamberg Graduate School of Social Science	10/2014 – 09/2017
<b>Visiting Ph.D Student</b> University of Waterloo, Canada	04/2016 – 05/2016
<b>M.A. Political Science</b> University of Bamberg	10/2012 – 09/2014
<b>M.Sc. European Economic Studies</b> University of Bamberg	10/2011 – 03/2014
<b>B.A. Philosophy &amp; Economics</b> , University of Bayreuth	10/2008 – 09/2011
<b>Exchange Student</b> , University of Leeds, UK	09/2010 – 04/2011
<b>Abitur</b> , Georg-Wilhelm-Steller Gymnasium, Bad Windsheim	07/2008

## Publications

### *Peer-reviewed Journal Articles*

Rationality in Context. On Inequality and the Epistemic Problems of Maximizing Expected Utility. <i>Synthese</i> (co-authored with J. Marx and D. Klein).	2018
When Do Groups Get It Right? – On the Epistemic Performance of Voting and Deliberation. <i>Historical Social Research</i> 43(1): 89-109.	2018
Mitigating the Problem of Manipulation in the ‘Adjusted Winner’ Procedure. In: Linhart E., Debus M., Kittel B. (eds): <i>Jahrbuch für Handlungs- und Entscheidungstheorie</i> .	2017

### *Monographies*

<i>Democratic Decision Making – A Theoretical Analysis.</i> (Dissertation Thesis), Bamberg: Bamberg University Press.	2018
<i>Simulating Bargaining Processes with Agent-based Modelling.</i> Marburg: Tectum-Verlag.	2016

### *Invited Contributions*

Rational Choice and Asymmetric Learning in Iterated Social Interactions. Some Lessons from Agent Based Modeling. In: Marker, Schmitt, Sirsch (eds): *Democracy and Choice*, (co-authored with J. Marx and D. Klein; forthcoming) 2019

### *Newspaper Articles*

Ich Maximiere. Ökonomisches Denken heißt mehr als nur Geld sparen. In *DIE ZEIT*, 38/2009. 2009

### *Under Review*

Fear Appeals in Political Communication – A Theoretical Analysis (R & R at *Political Communication* )

Trust in Heterogenous Populations: How Rational Individual Behaviour can lead to irrational out-group discrimination (submitted to an edited volume at *Oxford University Press*)

Political Epistemology: Why we should (not) worry about Democracy's Epistemic Crisis (submitted to *Moral and Political Philosophy*)

### *Work in Progress*

Symmetric Bargaining among Utility-maximisers leads to Inequality. An Argument against non-interventionism. (joint work with J. Marx and D. Klein).

Democracy and the Problem of Strategic Manipulation

## Presentations

### 2018

Candidate Lecture for W1-Professorship in Philosophy of Economics, University of Bayreuth  
*Trust in Heterogenous Populations: How Rational Behaviour can lead to Irrational Out-group Discrimination.\**

Deutsche Vereinigung für Politikwissenschaften (DVPW) Conference, Frankfurt  
*Poverty and the Justifiability of Redistributive Institutions. A normative Interpretation of an agent-based Model of rational exchange.\**

Symposium: *From Cases to General Principles – Theory Development through Agent-based Modeling* – funded by the Volkswagen-Foundation\* (participation)

Vienna Forum for Analytical Philosophy (WFAP) graduate conference on Rationality and Democracy, Vienna  
*Epistemic Democracy and Strategic Manipulation in Deliberation.\**

MCMP Work in progress-talk, LMU Munich  
*Trust in Heterogeneous Populations – An Agent Based Computer Simulation.*

ANR-DFG Research Project 'ColAForm' - Workshop, University of Bamberg  
*The Strategic use of Fear Appeals in Political Communication.\**

MCMP Work in Progress-talk, LMU Munich  
*Political Epistemology – How Can Democratic Communities Safeguard against Strategic Manipulation?*

## 2017

Dissertation Defense, University of Bamberg  
*Democratic Decision Making – A Theoretical Analysis.*

Berlin School of Mind and Brain Conference: Communication, Reasoning and Social Epistemology  
*Political Epistemology: Manipulating Opinions by Manipulating Facts.* (Poster presentation)

Agent-based Modelling across Social Science, Economics and Philosophy Conference, University of Bamberg  
*When do Groups get it right? – On the Epistemic Performance of Voting and Deliberation.*

## 2016

International Political Science Association (IPSA) Conference, Poznan  
*Poor Rationality – How Inequality Emerges a Self-sustaining Equilibrium in Bargaining.*

Institute for New Economic Thinking (INET) Workshop ‘Complexity and Economics’, Toronto  
*Agent-based Modeling and Democratic Theory: Improving Normative Arguments through Simulation.*

Midwest Political Science Association (MPSA) Conference, Chicago  
*Simulating Democratic Procedures: An Agent-based Model of Voting and Deliberation.*

European Public Choice Society (EPCS) Conference, Freiburg  
*Mitigating the Problem of Manipulation in the Adjusted Winner Procedure.*

German Society for Philosophy of Science (GWP) Conference, Düsseldorf  
*Agent-based Modeling and Democratic Theory: Improving Arguments through Simulation.*

## 2015

GESIS Computational Social Science Winter Symposium, Cologne  
*The Emergence of Inequality – Three Agent-based Bargaining Models.* (Poster presentation)

Bamberg Graduate School of Social Science (BAGSS) Conference, Bamberg  
*The Evolution of Inequality – How Institutional Stability leads to Unfair Outcomes in Bargaining.*

Vienna Summer School ‘The Computational Turn. Simulation in Science’, Vienna  
*Two views on democracy – A model of preference- and belief aggregation.*

\* indicates invited talks

## Teaching

Philosophy of Economics, LMU Munich (scheduled)	2019
The Philosophy of Karl Popper, LMU Munich (scheduled)	
Introduction to Epistemology (Bachelor level), LMU Munich	2018 – 2019
Philosophy of the Social Sciences (Master level), University of Bamberg	
Guest Lecturer for Formal Modeling, Democracy and Truth, Positive Political Theory	2017 – 2018
‘The Market and the Forum – Theories of Democratic Decision Making’ (Bachelor level), University of Bamberg	2016

Game Theory, teaching assistant (Bachelor level), University of Bamberg	2015
Microeconomics 2, teaching assistant (Bachelor level), University of Bamberg (four times)	2013 – 2015
Advanced Microeconomics, teaching assistant (Master level), University of Bamberg	2012
Academic writing and presenting, teaching assistant (Bachelor level), University of Bayreuth	2010

## Invitations to Candidate Lectures

Junior Professorship for Philosophy of Economics ( <i>W1</i> ), University of Bayreuth (forthcoming)	2018
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## Grants and Honors

Dissertation award of the Otto-Friedrich-University of Bamberg for best doctoral dissertation of the year (€750)	
2-year postdoctoral fellowship, Munich Center for Mathematical Philosophy; funded by the Alexander von Humboldt-Foundation (€58.000)	
Bowling Green State University conference travel grant (\$500, declined)	
3-year PhD Scholarship by the German excellence initiative; funded by the German Science Foundation (€50.400)	
Extended conference travel grant, Bamberg Graduate School of Social Sciences (€1.800)	

## Further Work Experience

Marketing Assistant for the <i>ZEIT Akademie</i> , ZEIT Verlag Hamburg	07/2012 – 10/2012
Internship at <i>ZEIT Akademie</i> , ZEIT Verlag Hamburg	03/2012 – 06/2012
Internship at the SPD faction in the German Bundestag	04/2011 – 07/2011

## Postgraduate Education / Summer Schools

Certificate for Teaching in Higher Education of the Bavarian Universities (Basic Level)	2017
Oslo Summer School in Comparative Social Sciences Courses: Democracy and Justice, Political Psychology	2017
Summer School 'The Computational Turn. Simulation in Science', Vienna	2015
ECPR Winter School in Methods and Techniques Courses: Agent-based Modeling in the Social Sciences, Introduction to Python	2015

## Service to the Community

### Journal Reviewer

*Historical Social Research; Ergo*

### Editor:

Lead guest editor for special issue on *Computational Modeling in Philosophy* with *Synthese*, together with Stephan Hartmann and Christoph Merdes

### Conference Organisation

Computational Modeling in Philosophy, 2-day conference, 40 participants, MCMP Munich 06/2018  
(head organiser)

*Bayreuther Dialoge*, 2-day Symposium, 120 participants, University of Bayreuth 11/2009  
(regular organiser)

### Programme Committee

Biases in Science, 3-day Conference, MCMP 04/2019

### Administrative

Ph.D. Student selection committee, MCMP 04/2018

## Professional Skills

### Languages

German (mothertongue), English (business fluent), French (basic), Spanish (rudimentary)

### Programming

Netlogo (very good), R (good),  $\text{\LaTeX}$ (intermediate), python, java (rudimentary)