

Robert Alexander Crowell

Date of Birth	29 th March 1990	Website	http://robertcrowell.weebly.com
Nationality	USA, Greek, German	Email	crowellr@googlemail.com

Research Interests and Concentration

Transportation Theory, Stochastic Analysis and Tropical Geometry - and applications to Economic Theory.

Education

- 2009-2012** University of Mannheim, Germany
BSc Economics
- 2012-2014** Graduate School of Economics and Social Sciences, Mannheim, Germany
MSc Economics
Graduate Student in the Ph.D. Program in Economics
- 2013-2014** Yale University, New Haven, CT
Visiting PhD Student
Graduate School of Arts and Sciences
- 2014-2015** Karlsruhe Institute of Technology, Germany
Undergraduate Student in Mathematics
- 2015-2018** University of Bonn, Germany
MSc Mathematics
- 04.2019-*** ETH Zürich, Swizerland
Mathematics PhD Student

Ongoing Research

- 2018** Tropical Geometry and Mechanism Design
Joint with Ngoc Tran
Under review - ArXiv Preprint 1606.04880 <https://arxiv.org/abs/1606.04880>

Talks and Conferences - Speaker

- 2018, Sept.** Optimal Transport and Mechanism Design (Invited Speaker)
ETH Zürich - Doctoral Seminar in Mathematical Finance
Organizer: Prof. Mete Soner and Martin Stefanik
- 2017/2018** Transportation Theory in Economics (3 Talks - Speaker)
University of Bonn - Hausdorff Center for Mathematics
Joint research seminar between the Mathematics and Economics department
Organizers: Prof. Martin Huesmann and Dr. Martin Pollrich
- 2017, Sept.** Tropical Geometry and Mechanism Design (Invited Speaker)
International Conference on Operations Research - Workshop on Game Theory
FU Berlin, Germany
Workshop Organizer: Prof. Michael Joswig

- 2017, May** Tropical Geometry and Mechanism Design (Invited Speaker)
Computing in Tropical Geometry - Workshop on Non-Linear Algebra
 Zuse Institute, Berlin // Einstein Foundation
 Organizers: Prof. Michael Joswig, Dr. Marta Panizzut, Dr. Yue Ren and Prof. Bernd Sturmfels
- 2016, May** Paraproducts and the Analysis of Rough Paths (Speaker)
Hausdorff School, Kopp, Germany
 ``Ramification of Rough Paths'', after M. Gubinelli, slides on my website.
 Organizers: Prof. Christoph Thiele and Prof. Massimiliano Gubinelli

Conferences and Workshops - Attended

- 2018, July** Optimal Transport Meets Economic Theory
Hausdorff School - University of Bonn
 Organizers: Dr. Matthias Erbar, Prof. Martin Huesmann, Dr. Martin Pollrich
- 2016, May** Tropical Geometry and Economics
Hausdorff School - University of Bonn
 Organizer: Prof. Ngoc Tran and Prof. Josephine Yu
- 2016, Feb.** Young Geometric Group Theory 5
Karlsruhe Institute of Technology
 Organizer: Prof. Petra Schwer, Dr. Dawid Kielak, Prof. Sebastian Hensel
- 2015, Dec.** Game Theory Workshop
Hausdorff Institute for Mathematics, Bonn
 Organizers: Prof. Bernhard von Stengel

Honors

- 2009-2011** German National Academic Foundation (Studienstiftung)
- 2013-2014** DAAD Funding to study at Yale University

Teaching

- 2017, Fall** Markov Processes
Tutor for the Exercise Classes, Graduate Level, Lecturer: Prof. Massimiliano Gubinelli

Referees

Name Prof. Ngoc Mai Tran
University UT Austin
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Name Prof. Karl-Theodor Sturm
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Name Prof. Massimiliano Gubinelli
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