

Oğuz Gürerk

Education

- 2013-present **B.Sc. in Mathematics with Honors**, Boğaziçi University, Istanbul, Turkey.
Senior Project Advisor :
Project Title:
- 2014-present **B.A. in Economics with Honors**, Boğaziçi University, Istanbul, Turkey.
Senior Project Advisor :
Project Title:
- 01-05/2018 **Exchange Program**, McGill University, Montreal, Canada.
Senior Project Advisor :
Project Title:

Research Interests

Probability theory and related fields, random graphs, game theory, inferential statistics, outlier analysis, political economy of conflict

Talks

- 10/2018 *New perspectives on Outlier Analysis*, IMBM Probability Days, Istanbul Center for Mathematical Sciences (IMBM), Boğaziçi University, Istanbul
- 07/2018 *Stable Laws and the Generalized CLT*, student seminar at Boğaziçi University, Istanbul
- 07/2018 *Similarity Measures for Outlier Detection*, student seminar at Boğaziçi University, Istanbul
- 12/2017 *Outlier Analysis under Heavy tails: It's (mostly) Political*, Senior thesis defense, Boğaziçi University, Istanbul
- 11/2017 *Graph-theoretic Measures of Multivariate Association and Prediction*, student seminar at Boğaziçi University, Istanbul
- 11/2018 *An Unsupervised approach for Outlier Detection Methods*, student seminar at Boğaziçi University, Istanbul
- 10/2017 *1-hour introduction to Outlier Analysis*, 2. Spring Mathematics Meeting, Bilkent University, Ankara
- 10/2017 *Basic Non-parametric Tests and Multivariate Generalizations*, student seminar at Boğaziçi University, Istanbul
- 10/2017 *Kolmogorov-Smirnov Test and its Multivariate Generalization*, student seminar at Boğaziçi University, Istanbul
- 03/2017 *Outliers, the Law of large Numbers, and Heavy Tails*, 1. Spring Mathematics Meeting, Mimar Sinan University, Istanbul
- 01/2017 *Outliers, Index of Stability, and Heavy Tails*, The Nesin Mathematics Village, Şirince/Izmir
- 01/2017 *Two lectures on "A simple model of herd behavior (Banerjee, 1992)"*, The Nesin Mathematics Village, Şirince/Izmir

Awards/Honors

2014-2018 2205-National Undergraduate Scholarship Programme, 72.000 TL
The Scientific and Technological Research Council of Turkey

Conference/Workshop Participation without Talk

06/2018 Workshop on Randomness in Complex Geometry and Complex Analysis, The Nesin Mathematics Village, Şirince/Izmir
02/2016 Combinatorial Algebraic Geometry Workshop, The Nesin Mathematics Village, Şirince/Izmir

Teaching Experience

Boğaziçi University, *Student Assistant*, Mathematics Department.
MATH 345 - *Probability Theory*, Summer 2018
MATH 344 - *Statistics*, Fall 2017
MATH 345 - *Probability Theory*, Summer 2017

Computer Skills

R, C, C++, LaTeX

Extra-curricular Activities

My Personal Blog (or scratch) on methodology, ideology, aesthetics, and political economy:
<http://usavurmasanati.blogspot.com/>
Summer 2012-2017 Voluntary service at The Nesin Mathematics Village

References

- 1- Umit Islak, Associate Professor of Mathematics, Boğaziçi University, umitislak@gmail.com
- 2- Ferit Ozturk, Professor of Mathematics, Boğaziçi University, ferit.ozturk@boun.edu.tr
- 3- Serdar Altok, Associate Professor of Mathematics, Boğaziçi University, serdar.altok@boun.edu.tr