

OFER BUSANI

PERSONAL INFORMATION

Address

School of Mathematics
Fry Building
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EMPLOYMENT

2021–present Postdoctoral position at the Hausdorff Center for Mathematics, Bonn, Germany.

2018–2021 Postdoctoral position at the School of Mathematics at University of Bristol, United Kingdom

EDUCATION

2012–2018 Ph.D. in Mathematics, Bar Ilan University, Israel.

2010–2012 M.Sc. in Mathematics, Bar Ilan University, Israel.

2006–2010 B.Sc. in Mathematics, Bar Ilan University, Israel.

TEACHING EXPERIENCE

2012 Bar Ilan University Mathematics for Optometrists, Statistical Methods

2013 Bar Ilan University Modern Analysis, Harmonic Analysis, Abstract Algebra

2014 Bar Ilan University Modern Analysis, Harmonic Analysis, Differential Forms, Abstract Algebra

2015 Bar Ilan University Modern Analysis, Harmonic Analysis, Differential Forms, Numerical Methods, Ordinary Differential Equations

2016 Bar Ilan University Modern Analysis, Complex Analysis, Numerical Methods, Linear Algebra

2017 Bar Ilan University Harmonic Analysis

2019 University of Bristol Analysis – Tutorials

ACADEMIC ACTIVITIES

April–July 2017 Co-Organizer of the Young Researchers' Seminar at IHP trimester 'Stochastic Dynamics Out of Equilibrium'

2018–2021 Co-Organizer of Bristol Probability Seminar

2021 Organizer of 'New challenges in the KPZ universality class' workshop (The funding was awarded by the 'Focused Research Workshop' program of the Heilbronn Institute, but was cancelled due to Covid-19)

2021 Organizer of the joint Bristol-Warwick-Queen Mary probability seminar

PUBLICATIONS AND PREPRINTS

2021 Diffusive scaling limit of the Busemann process in Last Passage Percolation. [arXiv:2110.03808](https://arxiv.org/abs/2110.03808)

2021 with [Gidi Amir](#), [Christophe Bahadoran](#) and [Ellen Saada](#). Invariant measures for multilane exclusion process. [arXiv:2105.12974](https://arxiv.org/abs/2105.12974) – submitted

2020 with [Timo Seppäläinen](#). Non-existence of bi-infinite polymer Gibbs measures. [arxiv:2010.11279](https://arxiv.org/abs/2010.11279) – submitted

2020 with [Timo Seppäläinen](#). Bounds on the running maximum of a random walk with small drift. [ALEA - to appear](#)

2020 with [Patrik L. Ferrari](#). Universality of the geodesic tree in last passage percolation. [Annals of Probability](#)

2020 with [Márton Balázs](#) and [Timo Seppäläinen](#). Local stationarity of exponential last passage percolation. [Probability Theory and Related Fields](#)

2019 with [Gidi Amir](#), [Patricia Gonçavels](#) and [James Martin](#). The TAZRP speed process. [Annales de l'Institut Henri Poincaré](#)

2019 with [Márton Balázs](#), [Timo Seppäläinen](#). Non-existence of bi-infinite geodesics in the exponential corner growth model. [Forum of Mathematics, Sigma](#)

2018 Continuous Time Random Walk as a Random Walk in Random Environment. [arXiv:1709.02141](https://arxiv.org/abs/1709.02141)

2017 Finite dimensional Fokker–Planck equations for continuous time random walk limits. [Stochastic Processes and their Applications](#)

2016 Aging Uncoupled Continuous Time Random Walk Limits. [Electronic Journal of Probability](#)

GRANTS, AWARDS AND FELLOWSHIPS

2012 Selim and Rachel Benin Scholarship Fund

2012–2016 Milgat Hanasi scholarship

2020 Heilbronn Focused Research grant

INVITED CONFERENCE LECTURES

2019 Advances in Last Passage Percolation, University of Sussex, June

2021 Israel Mathematical Union meeting 2021, online, July

2021 Encontro National SPM 2021, online, July

2021 Rouen Probability Meeting 2021, online, October

INVITED SEMINAR LECTURES

2013 Bar Ilan Probability Seminar

2015 Weizmann Institute of Science Students Probability Seminar

2017 Beer-Sheba University Probability Seminar

2018 Tel-Aviv University Probability Seminar

2019 Bristol University Probability Seminar

2019 Instituto Superior Técnico Probability Seminar

2020 Warwick probability seminar

2020 Bath probability seminar

2020 Junior Integrable Probability Seminar(JIPS)

2020 Bernoulli-IMS One World Symposium 2020

2020 Purdue probability seminar

2021 TUM probability seminar

2021 Imperial College of London probability seminar

CONTRIBUTED CONFERENCE LECTURES

2014 International Vilnius conference on Probability Theory and Mathematical Statistics 2014

2015 Stochastic Processes and Applications 2015

October 31, 2021