

# Asaf Shapira - Curriculum Vitae

## Positions

- 2016–present: Professor, School of Mathematics, Tel-Aviv University, Israel.
- 2013–2016: Associate Professor (with tenure), School of Mathematics, Tel-Aviv University, Israel.
- 2011–2013: Senior Lecturer, School of Mathematics, Tel-Aviv University, Israel.
- 2008–2012: Assistant Professor, School of Mathematics and School of Computer Science, Georgia Institute of Technology, Atlanta, USA.
- 2006–2008: Post-Doc Researcher, Theory Group, Microsoft Research, Redmond, USA.

## Education

- 2002–2006: Ph.D. in Computer Science (with Distinction), Tel-Aviv University, Israel.  
Thesis: *Graph Property Testing and Related Problems*. Advisor: Prof. Noga Alon.
- 1999–2001: M.Sc. in Computer Science (Summa Cum Laude), Tel-Aviv University, Israel.  
Thesis: *Testing Satisfiability*. Advisor: Prof. Noga Alon.
- 1996–1999: B.A. in Computer Science and Economics (Magna Cum Laude), Tel-Aviv University, Israel.

## Awards and Honors

- The Raymond and Beverly Sackler Career Development Chair, Tel-Aviv University, 2012
- Alon Fellowship, 2011
- Nessyahu Prize (awarded by the Israeli Mathematical Union for the best Ph.D. Thesis), 2007
- Rothschild Postdoctoral Fellowship, 2006
- Charles Clore Foundation Fellowship for Ph.D. students, 2004–2006
- International IBM Ph.D. Fellowship, 2004–2005
- Dean's prizes for high M.Sc. and Ph.D. achievements, 2001–2003
- Rector's List of Honor, Faculty of Exact Sciences, 2000

## Funding

- ERC Consolidator Grant, 2021–2026
- NSF-BSF Grant (with A. Ferber and W. Samotij), 2020–2023
- ISF Grant (with R. Yuster), 2016–2020
- ERC Starting Grant, 2015–2020
- Marie-Curie Career Integration Grant, 2012–2016
- ISF Grant, 2011–2015
- NSF Grant, 2009–2012

## Students Supervision

- Yevgeny Levanzov (PhD, in progress)
- Asaf Lev-Ran (MSc, in progress)
- Lior Gishboliner (PhD 2020)
- Yossi Rozantsev (MSc 2019)
- Misha Tyomkyn (Post-Doc Researcher), 2016–2018
- Henrique Stagni (2017–2018), Visiting PhD student from Universidade de Sao Paulo
- Michal Amir (MSc 2018)
- Guy Moshkovitz (PhD 2017)
- Shachar Sapir (MSc 2017)
- Eoin Patrick Long (Post-Doc Researcher), 2014–2016
- Lior Gishboliner (MSc 2015)
- Subrahmanyam Kalyanasundaram (PhD 2011, co-advised with R. Lipton)

## Lectures

### Invited Talks in Workshops and Conferences

- **(Plenary Speaker)** The 19<sup>th</sup> Conference on *Random Structures and Algorithm*, Zurich, 2019.
- Heilbronn workshop on *Structure and Randomness in Hypergraphs*, LSE, London, 2018
- Clay Math Institute workshop on *Recent Advances in Extremal Combinatorics*, Oxford, 2018
- ICM Satellite workshop on *Combinatorics: Extremal, Probabilistic and Additive*, São Paulo, 2018
- Goethe University Workshop on *Large Networks and Random Graphs*, Frankfurt, 2018
- *Highlights of Algorithms* Conference, Amsterdam, 2018
- CMSA-Harvard workshop on *Probabilistic and Extremal Combinatorics*, Cambridge, 2018
- International Workshop on *Graph Limits*, Lyon, 2018
- Innovations in Theoretical Computer Science (ITCS) Conference, Boston, 2018
- TSIMF workshop on *Recent Advances in Extremal Combinatorics*, Sanya, China, 2017
- LSE-QMUL *Colloquia in Combinatorics*, London, 2017
- Atlanta Lecture Series in *Combinatorics and Graph Theory*, Atlanta, 2017
- Simons workshop on *Proving and Using Pseudorandomness*, UC Berkeley, 2017
- Oberwolfach workshop on *Combinatorics*, Oberwolfach, Germany, 2017
- MIT workshop on Local Algorithms, Boston, USA, 2016.
- SIAM Conference on *Discrete Mathematics*, Atlanta, USA, 2016

- ETH-FIM workshop on *Extremal and Probabilistic Combinatorics*, ETH-Zurich, Switzerland, 2016
- Oberwolfach workshop on *Combinatorics and Probability*, Oberwolfach, Germany, 2016
- Banff workshop on *Extremal and Probabilistic Combinatorics*, Banff, Canada, 2015
- LMS-CMI Research School on *Regularity and Analytic Methods in Combinatorics*, Warwick, 2015
- Workshop on *Interdisciplinary Applications of Graphs, Combinatorics and Algorithms*, Haifa, 2015
- Clay Mathematics Institute workshop on *Extremal and Probabilistic Combinatorics*, Oxford, UK, 2014
- Oberwolfach workshop on *Combinatorics*, Oberwolfach, Germany, 2014
- Simons Workshop on *Neo-Classical Methods in Discrete Analysis*, UC Berkeley, USA, 2013
- **(Plenary Speaker)** *European Conference on Combinatorics, Graph Theory and Applications*, Pisa, Italy, 2013
- *Erdős Centennial* Conference, Budapest, Hungary, 2013
- Oberwolfach workshop on *Combinatorics and Probability*, Oberwolfach, Germany, 2013
- Banff workshop on *New Trends and Directions in Combinatorics*, Banff, Canada, 2012
- ESF Conferences on *Perspectives in Discrete Mathematics*, Barcelona, Spain, 2012
- Israel Mathematical Union Meeting, Bar-Ilan University, 2012
- Workshop on *Graph Limits*, Czech Republic, 2012
- Workshop on *Discrete Mathematics: Methods, Challenges and Applications*, Eilat, 2012
- Bertinoro workshop on *Sublinear algorithms*, Bertinoro, Italy, 2011
- Oberwolfach workshop on *Combinatorics*, Oberwolfach, Germany, 2011
- SIAM Conference on *Discrete Mathematics*, Austin, USA, 2010
- IPAM workshop on *Topics in Graphs in Hypergraphs*, Los Angeles, USA, 2009
- Banff workshop on *Extremal and Probabilistic Combinatorics*, Banff, Canada, 2009
- Symposium on Theory of Computation (STOC), Washington DC, 2009
- Oberwolfach workshop on *Combinatorics and Probability*, Oberwolfach, Germany, 2009
- *4<sup>th</sup> Information Theory and Applications (ITA)* workshop, San Diego, California, 2009
- **(Plenary Speaker)** DIMACS workshop on *Property Testing*, Rutgers University, NJ, 2009
- Workshop on *Graph Limits*, Czech Republic, 2009
- Symposium on Theory of Computation (STOC), Victoria, Canada, 2008
- Symposium on Discrete Algorithms (SODA), San Francisco, California, 2008
- Symposium on Foundations of Computer Science (FOCS), Providence, RI, 2007
- Conference on *Random Structures and Algorithms* (RSA), Tel-Aviv, Israel, 2007
- Symposium on Discrete Algorithms (SODA), New Orleans, Louisiana, 2007

- **(Plenary Speaker)** Workshop on *Quasi-random Structures, Regularity Lemmas and their Applications*, Renyi Institute, Budapest, Hungary, 2007
- DIMACS Workshop on *Properties of Large Graphs: From Combinatorics to Statistical Physics and Back*, Rutgers University, NJ, 2006
- Workshop on *Asymptotic Problems in Analysis, Mathematical Physics and Combinatorics*, Paris, France, 2006
- Haifa Workshop on *Interdisciplinary Applications of Graph Theory, Combinatorics, and Algorithms*, Haifa, Israel, 2006
- Symposium on Theory of Computation (STOC), Seattle, Washington, 2006
- Symposium on Foundations of Computer Science (FOCS), Pittsburgh, PA, 2005
- Dagstuhl workshop on *Sublinear Algorithms*, Dagstuhl, Germany, 2005
- Symposium on Theory of Computation (STOC), Baltimore, Maryland, 2005
- Bertinoro workshop on *Erdős magic in algorithms and games*, Bertinoro, Italy, 2005
- Symposium on Discrete Algorithms (SODA), Vancouver, Canada, 2005
- Symposium on Discrete Algorithms (SODA), New Orleans, Louisiana, 2004
- Symposium on Theory of Computation (STOC), San Diego, California, 2003
- Symposium on Discrete Algorithms (SODA), San Francisco, California, 2002
- *Combinatorial Optimization* 2002 (CO-2002), Paris, France

## Scientific Service

- Conference PC member: 13<sup>th</sup> Intl. Workshop on Randomization and Computation (**RANDOM**) 2007
- Conference PC member: 21<sup>st</sup> Annual ACM-SIAM Symposium on Discrete Algorithms (**SODA**) 2010
- Conference PC member: 20<sup>th</sup> Intl. Workshop on Randomization and Computation (**RANDOM**) 2016
- Conference PC member: 21<sup>st</sup> Annual ACM-SIAM Symposium on Discrete Algorithms (**SODA**), 2018
- Conference PC member: 14<sup>th</sup> Latin American Theoretical Informatics Symposium (**LATIN**), 2020
- Organizer: Conference on *Combinatorics: Challenges and Applications*, Tel Aviv University, 2016
- Organizer: Ascona Workshop on Extremal Combinatorics, 2020.
- Organizing Committee Co-Chair: SIAM Conference on Discrete Mathematics, 2020.
- Editor (2018-): *Advances in Combinatorics*.