

TAMAR ZIEGLER - CURRICULUM VITAE

Personal Information:

Full name: Tamar Ziegler
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Academic Appointments:

2022 - 2023 Distinguished Visiting Professor, IAS Princeton.
2020 - 2022 Chair of Einstein Institute, Hebrew University, Israel.
Nov 2018 - Henry and Manya Noskwith Chair in Mathematics
July 2013 - Professor, Hebrew University, Israel.
Spring 2017 Simons Professor MSRI.
2013 - 2014 Professor, Technion, Israel.
2012 - 2013 Visiting Associate Professor, Stanford.
2010 - 2012 Associate Professor, Technion, Israel.
2007 - 2010 Senior Lecturer, Technion, Israel.
2005 - 2007 Postdoc Assistant Professor at the University of Michigan.
2005 - 2006 Member of the Institute for Advanced Study, Princeton NJ.
2002 - 2005 Zassenhaus Assistant Professor at The Ohio State University.

Academic Degrees:

2003 Ph.D. in mathematics, The Hebrew University.
1998 M.Sc. in mathematics, The Hebrew University.
1995 B.Sc. in mathematics, The Hebrew University, *summa cum laude*.

Research Interests:

Ergodic theory, combinatorics, number theory, algebraic geometry.

Theses:

Ph.D. Thesis *Nonconventional ergodic averages*. Advisor: H. Furstenberg.
M.Sc. Thesis *An application of ergodic theory to a problem in geometric Ramsey theory*. Advisor: H. Furstenberg.

Awards and Honors:

- [Rothschild Prize in Mathematics](#), 2024.
- [AIM Alexanderson Award](#), 2023.
- [9th European Congress in Mathematics](#), Plenary Speaker, 2024.
- [Zygmund-Calderón Lectures](#), University of Chicago, April 2023.
- Distinguished Visiting Professor [Institute of Advanced Study 2022-23](#). Special Year on Dynamics, Additive Number Theory and Algebraic Geometry.

- Elected [Academia Europaea](#), 2021.
- [Ludwig Schläfli Lecture](#). Bern, October 2018.
- Rector's Prize for Excellence in Research and Teaching, 2016.
- ERC Consolidator grant, 2016-2021.
- [Michael Bruno Memorial Award](#), 2015.
- [ICM 2014](#) invited talk.
- CRM 30th anniversary lecture, Barcelona 2014.
- [Wolfe Lecture in Mathematics](#), Rice University 2013.
- [EMS Lecturer of the year 2013](#).
- [Erdős prize](#), 2011.
- Taub research prize, 2011.
- Ostrowski Fellowship of the Ostrowski foundation in Basel, 2008.
- Landau Fellowship of the Taub Foundation, *Leader in Science and Technology* program, 2008-2010.
- Alon Fellowship for outstanding new faculty members in Israeli universities, 2008-2011.
- ISF Grants, 2008-2012, 2012-2016, 2020-2024.
- BSF grant jointly with Vitaly Bergelson, 2007 - 2011.
- Klein prize for excellence in teaching, 2000.
- Avraham Yehuda Urbach prize for excellence in research ,1997.

Plenary talks:

- [Heilbronn Annual Conference](#). Bristol, September 2023.
- [EUROCOMB 2019](#). Bratislava, Slovakia, August, 2019.
- [2017 Clay Research Conference](#), September 2017.
- [Joint International Meeting of AMS and IMU](#), June 2014.
- [General Meeting of European Women in Mathematics](#) Bonn, September 2013.
- [26th Nordic and 1st European-Nordic Congress of Mathematician](#), June 2013.
- [Additive combinatorics in Paris](#), July 2012.
- 27th Journées Arithmétique, June 2011.
- [Israel Mathematical Union](#), June 2011.
- [Canadian Mathematical Society Annual Winter meeting](#), December 2010.
- [Pseudorandomness in Mathematical Structures](#), IAS Princeton, June 2010.
- [Dynamical Systems and Number Theory](#), Edinburgh, May 2010.
- [Broader Connections, MSRI](#), August 2008 (a two lecture series).

Research Students and postdocs:

- Hagai Lavner (MSc 2012)
- Liat Kessler (Postdoc 2010-2012)
- Alexey Glibichuk (Postdoc 2011-2012)
- Nir Markus (MSc 2018)
- Amichai Lampert (MSc 2019)
- Weikun He (Postdoc 2017-2019)
- Tom Gilat (Postdoc 2019-2020)
- Noy Sofer (MSc 2020)
- Lauritz Streck (MSc 2020)
- Jakub Konieczny (Postdoc 2017-2020)
- Or Shalom (PhD 2022)

- Tal Meilin (MSc 2022)
- Yoav Cohen (MSc 2023)
- Amichai Lampert (PhD 2023)
- Hagai Lavner (PhD in progress)
- Tal Meilin (PhD in progress)
- Yoav Cohen (PhD in progress)

Editorial:

- 2021 - Editor [Israel Journal of Mathematics](#).
- 2021 - Editor [Essential Number Theory](#)
- 2019 - Editor [Mathematics Research Reports](#).
- 2016 - Editor [Discrete Analysis](#).
- 2016 - 2022 Associate Editor [Annals of Mathematics](#).
- 2014 - 2022 Editor [Journal of the European Mathematical Society](#).
- 2014 - 2019: Editor [Electronic Research Announ. in Mathematical Sciences](#).
- 2017 - 2020 Editor-in-Chief [Israel Journal of Mathematics](#).

Other Public Professional Activities:

- Jan 2023 - Executive Committee, [International Mathematics Union](#).
- 2022 [Fields Medal](#) prize committee.
- 2020 - 2022 AMS [Editorial Boards Committee](#).
- 2020 - International Scientific Advisory Board of [Institut Polytechnique de Paris](#).