



Felix Otto

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Email: _____ **Phone:** _____

Website: <https://www.mis.mpg.de/pattern-formation-energy-landscapes-scaling-laws>

Date of birth: _____ **Nationality:** German

WORK EXPERIENCE

- [1993 – 1994] **Postdoctoral Associate, U. of Bonn**
- [1994] **Position in Industry, consulting company**
- [1995 – 1996] **Visiting Scholar, Courant Institute, New York**
- [1995] **Postdoctoral Associate, U. of Bonn**
- [1996] **Postdoctoral Associate, Carnegie Mellon University, Pittsburgh**
- [1996 – 1997] **Postdoctoral Associate, Courant Institute, New York**
- [1997 – 1998] **Assistant Professor (tenure track), U. of California at Santa Barbara**
- [1998 – 1999] **Full Professor (tenure), U. of California at Santa Barbara**
- [1999 – 2010] **Full Professor (tenure, C4, since 2008 W3), U. of Bonn**
Speaker SFB 611 'Singular phenomena and scaling in mathematical models', U. of Bonn
- [2006 – 2009] **Managing director of the cluster of excellence 'Hausdorff Center for Mathematics'**
- [2010 – Current] **Director at the Max Planck Institute for Mathematics in the Sciences, Leipzig**
- [2010 – Current] **Honorary Professor for 'Analysis and Mathematical Modelling', U. of Leipzig**

EDUCATION AND TRAINING

- [1990] **Diploma with G. Dziuk, U. of Bonn**
- [1993] **PhD with S. Luckhaus, U. of Bonn**

HONOURS AND AWARDS

- [1997] **A. P. Sloan Research Fellowship**
- [2001] **Max Planck Research Prize**
- [2006] **Gottfried Wilhelm Leibniz prize of the DFG**
- [2007] **Collatz price of CICIAM**
- [2017] **Blaise Pascal Medal for Mathematics of the European Academy of Sciences**
- [2018] **Prof. Luigi Tartufari International Prize for Mathematics from the Accademia Nazionale dei Lincei**
- [2022] **"Tullio Levi-Civita"-Prize for the Mathematical and Mechanical Sciences**
- Member of Academy of Science of the State of Nordrhein-Westfalen**
since 2007
- Member of German Academy of Sciences Leopoldina**
since 2008
- Member of Berlin-Brandenburg Academy of Sciences and Humanities**
since 2014
- Member of Academia Europaea**
since 2015

NETWORKS AND MEMBERSHIPS

- Reviewer for ERC Advanced Grant**
- Member of Program Committee for ICM 2022**
- Selection Committee for the Georg Cantor medal, 2012, 2014, and 2019 Deutsche Mathematiker-Vereinigung (DMV)**
- Scientific Advisory Board of the Graduate School AICES Aachen**
- [2021 – 2029] **Member of the Selection Committee for the Gottfried Wilhelm Leibniz Programme**
- [2020 – Current] **Board member for 'School of Excellence' in Napoli (PhD program for Mathematics, Physics or Engineering)**
- [2018 – Current] **Selection Committee for Max Planck Research Group Leader positions and for free-floating Max Planck Research Groups**
- [2012 – Current] **Advisory Board of the Physics Faculty, University of Leipzig**
- [2010 – Current] **MFO scientific committee**
chair since 2016

[2021 – 2023] **Chair of the SIAM Activity Group on Materials Sciences**

[2017 – 2023] **Advisory Board SISSA, Trieste**

[2012 – 2020] **DFG Review Board 'Natural Science - Mathematics'**

[2017 – 2019] **Shaw Prize Committee for Mathematics**

[2014 – 2019] **SIAM Council**

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[2019] **DFG reviewer in the evaluation process 'Universities of Excellence'**

[2013 – 2017] **Selection Committee for the Heinz Gumin Prize for Mathematics of the Carl Friedrich von Siemens Foundation (2013-2017)**

OFFERS

[1998] **Universität Erlangen (C4-Professor)**

[1999] **University of Wisconsin-Madison (Full Professor)**

[1999] **University of Texas at Austin (Full Professor)**

[1999] **University of Chicago (Full Professor)**

EDITORSHIPS

[2000 – 2005] **Nonlinearity**

[2002 – 2008] **SIAM Journal for Multiscale Modeling and Simulation**

[2010 – 2018] **Journal of Functional Analysis**

[1999 – Current] **Archive for Rational Mechanics and Analysis, since 2020 Editor in chief**

[2011 – Current] **Journal of Evolution Equations**

[2012 – Current] **Journal of Nonlinear Science**

[2014 – Current] **La collection Maths and Applications, SMAi (Comité éditorial)**

[2015 – Current] **Proceedings of the Edinburgh Mathematical Society (Consulting editor)**

[2020 – Current] **Stochastics and Partial Differential Equations**

INVITED LECTURES

[2020] **Distinguished lecture series at UCLA**

[2020] **Annual meeting of the Italian school of calculus of variations, Levico Terme, invited talk**

[2020] **Meeting of the Edinburgh Mathematical Society, invited lecture**

[2020] **Nachdiplom-Vorlesung 'Stochastic Homogenization', ETH Zurich**

[2021] **DiPerna Lecture, University of California, Berkeley**

- [2021] **Richard von Mises Lecture, HU Berlin**
- [2022] **ICM satellite conference, Helsinki, plenary speaker**
- [2022] **ESI Medal Ceremony for Martin Hairer, Vienna, invited talk**
- [2023] **SSM Scientific Colloquium, Naples**
- [2023] **Tor Vergata Rom, Colloquium**
- [2023] **FAU Erlangen, Colloquium**
- [2023] **Invited lecture at the Conference on probability and stochastic analysis, Beijing**
- [2024] **Colloquium talk at Institut Élie Cartan de Lorraine, Nancy**

PERSONAL GRANTS

DFG grant on "Random Geometric Systems" (SPP 2265 "Zufällige geometrische Systeme"); joint project with Martin Huesmann: "Optimal matching and balancing transport"