

## Prof. Günter M. Ziegler, PhD



### ADDRESS

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### CURRICULUM VITAE

1963 Born in München (Munich), Germany (Citizenship: German)  
1981–1984 Studies in Mathematics and Physics, Ludwig-Maximilians-University, Munich  
1984–1987 Graduate studies in Mathematics, Massachusetts Institute of Technology, Cambridge, MA  
1987 PhD at M.I.T. Advisor: Prof. Anders Björner  
1987–1991 Postdoc at Augsburg University, with Prof. Martin Grötschel  
1991–1992 Special year on “Combinatorics”, Institut Mittag-Leffler, Djursholm, Sweden  
1992–1994 Research scientist at Konrad-Zuse-Zentrum für Informationstechnik Berlin (ZIB)  
Deputy of Martin Grötschel for the “Combinatorial Optimization” department  
1992 Habilitation, TU Berlin  
1992–1994 Privatdozent, TU Berlin  
1993–2000 Faculty member, DFG Research Training Group “Algorithmic Discrete Mathematics”  
1995–1998 Professor of Discrete Mathematics (C<sub>3</sub>/equivalent to associate professor), TU Berlin  
1998–2011 Professor of Mathematics (C<sub>4</sub>/full professor), TU Berlin (since 2006: W<sub>3</sub>)  
2001 Visiting Miller Research Professor, UC Berkeley  
2000–2005 Faculty member, DFG International Research Training Group “Combinatorics, Geometry, and Computation” (Berlin–ETH Zurich)  
2002–2018 Member, DFG Research Center MATHEON  
2006–2017 Faculty member, DFG Research Training Group “Methods for Discrete Structures” (Coordinator 2006–2007)  
2006– Member of the Faculty, *Berlin Mathematical School*  
2011– MATHEON–Professor of Mathematics, Freie Universität Berlin  
2012– Member, DFG Collaborative Research Center “Discretization in Geometry and Dynamics” (Board member 2012–2016)  
2017– Honorary Professor, Technische Universität Berlin  
2018–2022 Faculty member, DFG Research Training Group “Facets of Complexity”  
2018– President, Freie Universität Berlin, first term 2018–2022, second term 2022–2026  
2018– Member of the Board of Directors, Berlin University Alliance; inaugural Spokesperson 2018–2020  
2019– Faculty member, MATH+: The Berlin Mathematics Research Center

### FUNCTIONS AND RESPONSIBILITIES (SELECTION)

1997–2000 Member of the Directorate (Vorstand), German Mathematical Society (Deutsche Mathematiker-Vereinigung DMV),  
Editor of the “Notices” (*Mitteilungen der DMV*)  
2001–2016 Member, Scientific Board, Mathematisches Forschungsinstitut Oberwolfach,  
since 2006 Cochair, 2012–2016 Chair  
2006–2008 President, German Mathematical Society (Deutsche Mathematiker-Vereinigung DMV),  
2006–2011 Speaker, DFG Research Training Group “Methods for Discrete Structures”  
2006 Member, Program Committee “Combinatorics”, International Congress of Mathematicians ICM2006,  
Madrid

2006–2018	Member of the Executive Board, Berlin Mathematical School, 2006–2007 and 2016–2018 Chair, 2008–2011 Cochair
2007–2008	Initiator and Co-Organizer, German National “Year of Mathematics 2008”
2009–2018	Member of the directorate (Vorstand), Berlin-Brandenburg Academy of Sciences and Humanities, 2015–2018 Secretary of the Class of Mathematics and Natural Sciences
2009–2015	Member and Cochair, Scientific Board of FIZ Karlsruhe
2011–2015	Organizer and Chair of the Jury, Euler-Lecture in Sanssouci, Potsdam
2011–2016	Co-Editor-in-Chief, <i>Discrete &amp; Computational Geometry</i> , Springer New York
2011–	Member of the Executive Committee (Präsidium) of DMV
2012–2016	Board Member, DFG Collaborative Research Center “Discretization in Geometry and Dynamics”
2013–2018	Member, Executive Board, Einstein Center for Mathematics <i>ECMath</i> , Berlin
2014–2018	Member of the Senate, Deutsche Forschungsgemeinschaft DFG
2016–	Member of the Negotiation Group, Project DEAL for national licencing agreements for offers of large scientific publishers Since the fall of 2020: head of Project DEAL
2017–	Member of the board of trustees (Kuratorium), Klaus Tschira Foundation, Heidelberg
2018–	Member of the board, Urania Berlin
2019–	Member of the Executive Boards 2019–2022 and 2023–2026, International Mathematical Union IMU

#### LECTURES (SELECTION)

Far more than 200 invited seminar and colloquium lectures, as well as main and plenary invited lectures at conferences worldwide, among them:

2002	Invited Lecture, International Congress of Mathematicians ICM2002, Beijing, China
2010	Panel Speaker and Chair, International Congress of Mathematicians ICM2010, Hyderabad, India
2014	Invited Lecture, International Congress of Mathematicians ICM2014, Seoul, Korea
2016	Plenary Lecture, Internat. Conference on Mathematics Education ICME, Hamburg

#### PRIZES AND AWARDS (SELECTION)

1980, 1981	Federal winner, Federal Mathematics Competition “Bundeswettbewerb Mathematik”
1981	Gold Medal, International Mathematical Olympiad, Washington DC
1981–1986	Fellow, Studienstiftung des Deutschen Volkes (German National Scholarship Foundation)
1982	Federal winner Mathematics/Computer Science, National Science Fair “Jugend forscht”
1994	Gerhard Hess Prize, Deutsche Forschungsgemeinschaft DFG (1 Mio. DM)
2001	Gottfried Wilhelm Leibniz Prize, DFG (1,5 Mio. DM)
2002	Election to the Berlin-Brandenburg Academy of Sciences and Humanities
2006	Chauvenet Prize, Mathematical Association of America (MAA), with F. Pfender
2008	Communicator Prize of DFG and of Stifterverband für die Deutsche Wissenschaft
2009	Election to the German National Academy of Science, Leopoldina
2010–2015	ERC Advanced Grant (1,85 Mio. Euro) “SDModels: Structured Discrete Models as a basis for studies in Geometry, Numerical Analysis, Topology, and Visualization”
2012–	Fellow, American Mathematical Society
2013	Election to the German National Academy of Science and Engineering <i>acatech</i>
2017	Berlin Science Prize (Berliner Wissenschaftspreis of the Governing Mayor)
2018	Leroy P. Steele Prize for Mathematical Exposition (AMS), with Martin Aigner