

CURRICULUM VITAE

Prof. Dr. Peter A. Markowich

Date of Birth: December 16 1956

Place of Birth: Vienna, Austria

Citizenship: Austria/Italy

Position: Al-Khawarizmi Distinguished Professor of Applied Mathematics and Computational Science, adjunct Professor at Vienna University and Emeritus Professor at Cambridge University

Academic Degrees

- 1979 : Dipl. Ing. (Master of Engineering), TU Wien
- 1980: Dr. Techn.: TU Wien
- 1984: 'Habilitation' for Applied and Numerical Mathematics, TU Wien

Scientific Career

- 1979-80: Research Assistant, IIASA (International Institute for Applied Systems Analysis); Laxenburg, Austria
- 1980-81: Research Assistant, Mathematics Research Center, University of Wisconsin-Madison, USA (Postdoctoral Advisors: Prof. Seymour Parter and Carl de Boor)
- 1981-82: Assistant Professor, Mathematics Department and Computer Science Department, University of Texas at Austin, USA
- 1982-1989: Assistant Professor, Institute for Applied and Numerical Mathematics, TU-Vienna
- 1989: Visiting Professor, Centre des Mathematiques Appliquées, Ecole Polytechnique, Paris
- 1989-1990: Professor (C3), Department of Mathematics, TU Berlin
- 1990-91: Full Professor, Department of Mathematics, Purdue University, West Lafayette, USA
- 1991-98: Professor (C4), Department of Mathematics, TU Berlin
- 1998-99: O.- Univ. Professor for Analysis, Institute of Analysis and Numerical Mathematics, Johannes Kepler Universität Linz, Austria
- 1999-: O.- Univ. Professor for Applied Analysis, Faculty of Mathematics, University of Vienna (adjunct from 2007)

- 2007-: Professor of Applied Mathematics, Department of Applied Mathematics and Theoretical Physics, University of Cambridge, UK (adjunct from 2011, emeritus from February 2019)
- 2011-: Al-Khawarizmi Distinguished Professor of Applied Mathematics and Computational Science, KAUST, Thuwal, KSA

Awards, Honors and Special Lectures

- 2000: Wittgenstein Award of the Austrian Science Fund
- 2003: Plenary Lecture at the ICIAM 2003 (5th International Congress on Industrial and Applied Mathematics, Sydney, Australia)
- 2004: Seminario Matematico e Fisico di Milano
- 2005: Corresponding Member of the Austrian Academy of Sciences
- 2005: Japan Society for the Promotion of Science, Invitation Fellowship at Kyoto University
- 2007: Royal Society Wolfson Research Merit Award
- 2008: Inaugural KAUST Investigator Award
- 2009: Professorial Fellow of Clare Hall, Cambridge
- 2009: Ramanujan Memorial Lecture, Saha Institute Kolkata
- 2009: Humboldt Research Award
- 2010: Invited Lecture (45 min) at the ICM 2010 (International Congress of Mathematicians 2010, Hyderabad, India)
- 2010: Wolfgang Wasow Memorial Lecture, University of Wisconsin Madison
- 2011: Matheon Lectures, WIAS Berlin
- 2011: Excellence Chair of the Fondation Sciences Mathématiques de Paris
- 2012: Excellence Chair at Jiaotong University, Shanghai, China
- 2013: Von Neumann Visiting Professorship at the Technical University Munich
- 2014: Distinguished Lecture Series, UCLA
- 2015: J.T.Oden Faculty Fellowship at ICES (University of Texas)

- 2015: offered Andris A. Zoltners Distinguished Professorship at Purdue University (declined)
- 2015: William Benter Distinguished Lecturer, Hongkong City University
- 2015: Keynote Lecture, AIP Conference Helsinki (Applied Inverse Problems)
- 2015: Frontier Lecture, CSRC Beijing
- 2016: Distinguished Lecture in the "Adventures in Theory" Lecture Series at the Center of Theoretical and Mathematical Sciences of Duke University
- 2016: Japan Society for the Promotion of Science, Invitation Fellowship at Kyoto University
- 2017: Distinguished Lecture, Institute for Advanced Studies at Hongkong City University
- 2018: Ciprian Foias Lectures of Mathematics at Texas A&M
- 2018: J.T.Oden Faculty Fellowship at ICES (University of Texas)
- 2019: Distinguished Lecture at the Institute for Mathematical Sciences at the National University of Singapore
- 2020: Distinguished Lecture at Institute of Natural Sciences, Shanghai Jiao Tong University
- 2020: elected Fellow of the European Academy of Sciences (www.eurasc.org)
- 2021: selected Fellow of the American Mathematical Society (AMS)
- 2022: Distinguished Lecture in Mathematics, Capital Normal University, Beijing
- 2022: selected Fellow of the Institute of Mathematics and its Applications (FIMA)
- 2022: elected ordinary Member of the European Academy of Sciences and Arts, class IV - Natural Sciences (<https://euro-acad.eu>)
- 2022: awarded Fellowship at the Institute of Physics (www.iop.org)
- 2023: elected Member of the Academia Europea (https://www.ae-info.org/ae/%22Acad_Main%22)
- 2024: PolyU (Hongkong) PDE Distinguished Lecture

Prof. Dr. Peter A. Markowich is Editor of the following Journals:

- Monatshefte für Mathematik <https://link.springer.com/journal/605>
- SIAM Journal of Multi-Scale Modeling and Simulation (MMS)
<http://www.siam.org/journals/mms.php>
- Communications in Mathematical Sciences (CMS)
- <http://www.intlpress.com/CMS/>
- Kinetic and Related Models
<http://aimsciences.org>
- Mathematics and Mechanics of Complex Systems
<http://msp.berkeley.edu/memocs/about/cover/cover.html>
- Editorial Advisor of the London Mathematics Society
<http://www.lms.ac.uk/publications>
- Vietnam Journal of Mathematics,
<http://link.springer.com/journal/10013>
- Turkish Journal of Mathematics,
<http://journals.tubitak.gov.tr/math/>
- Philosophical Transactions A of the Royal Society (Guest Editor 2014, Theme Issue on 'Partial Differential Equation Models in the Socio-Economic Sciences'): <http://rsta.royalsocietypublishing.org/content/partial-differential-equation-models-socio-economic-sciences>
- Senior Editor of 'Transactions in Mathematics and its Applications',
<http://www.ima.org.uk/trma.html>
- Journal of Dynamical Systems and Games: <http://aimsciences.orgjournal/2164-6066/editorialboard>

Supervision of Ph.D. Thesis

Dr. Peter SZMOLYAN	(TU Vienna) 1987
Dr. Anton ARNOLD	(TU Berlin) 1991
Dr. Frank JOCHMANN	(TU Berlin) 1993
Dr. Ansgar JÜNGEL	(TU Berlin) 1994
Dr. Norbert J. MAUSER	(TU Vienna) 1994
Dr. Ingenium GASSER	(TU Berlin) 1996

Dr. Carsten POHL	(TU Berlin) 1998
Dr. Myo Thein GYI	(TU Berlin) 1998
Dr. Florian FROMMLET	(TU Berlin) 1999
Dr. Christof SPARBER	(Univ. Vienna) 2004
Dr. Rada-Maria WEISHÄUPL	(Univ. Vienna) 2007
Dr. Marcus WUNSCH	(Univ. Vienna) 2009
Dr. Carola SCHÖNLIEB	(Univ. Cambridge) 2009
Dr. Gonca AKI	(Univ. Vienna) 2009
Dr. Alexander LORZ	(Univ. Cambridge) 2011
Dr. Jan-Frederik PIETSCHMANN	(Univ. Cambridge) 2011
Dan BRINKMAN	(Univ. Cambridge) 2013
Daniel MARAHRENS	(Univ. Cambridge) 2013
Dr. Jesus SIERRA	(KAUST) 2018
Dr. Lisa Maria KREUSSER	(Univ. Cambridge) 2020
Dr. Nail USSEMBAEV	(KAUST) 2020
Dr. Giulia PILLI	(Univ. Vienna) 2022
Dr. Simone PORTARO	(KAUST) 2024