

Personal information

Name Professor Klaus Müllen
Date and place of birth Cologne, 02.01.1947
Business address Max Planck Institute for Polymer Research
Ackermannweg 10
55128 Mainz, Germany
Tel: +00 49 61 31 37 91 50
Fax: +00 49 61 31 37 93 50
muellen@mpip-mainz.mpg.de
<https://www.mpip-mainz.mpg.de/en/muellen>



Professional Career

1966–1969 Studies in Chemistry, University of Cologne
1969 Degree in Chemistry (Professor E. Vogel)
1971 PhD-work, University of Basel (Professor F. Gerson)
1972–1978 Postdoctoral training and Habilitation (Professor J.F.M. Oth), ETH Zürich
1979–1984 Professor University of Cologne
1984–1989 Professor University of Mainz
1988 Offer from the University of Göttingen
1989 Scientific Member of the Max-Planck-Society and Director at the Max Planck Institute for Polymer Research
1992 Offer from the University of Cologne

Professional Duties

1995 Member of the Editorial Boards of Macromolecular Chemistry and Physics, Journal of Materials Chemistry, Journal of Macromolecular Science, Pure and Applied Chemistry
1995-2011 Editor of Synthetic Metals
1998 Editor of Polymer Bulletin
1998 Member of the Evaluation Committee of Chemistry Departments in North Rhine Westphalia (Germany)
1999 Member of the Selection Committee of the Alexander-von-Humboldt- Foundation
2000 Member of the Advisory Board of the Center of Nanoscience, University of Munich
2001 Member of the Evaluation Committee for Chemistry in the Netherlands
2003 Member of the Editorial Board of the Journal of the American Chemical Society
Chairman of the Advisory Committee of Eidgenössisches Materialprüfungsamt
2004 Member of the Editorial Board of Chemistry of Materials
2005 Member of the Editorial Board of Chemistry Letters
Member of the Editorial Board of Chemistry World
Member of the Editorial Board of Accounts of Chemical Research
2006 Member of the Editorial Board of Macromolecules
Member of the Editorial Board of Macromolecules – An Indian Journal, BioChemistry – An Indian Journal

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	Member of the International Advisory Board of Chemistry – An Asian Journal
	Member of the Senate Committee of the German Science Foundation
	Associate Editor of the Journal of the American Chemical Society
2008-2009	President of the German Chemical Society
2009	Head of Competence Center „Innovation Lab (IL)“, Heidelberg
2010 -	Member of the Advisory Council Mercator Foundation, Essen
2011-2017	Member of the Senate of the Max Planck Society
2012	Member of the Editorial Board of BioNanoMaterials
	Member of the administrative board of the Max Planck Institute for Coal Research
	Head of the «Carbon Materials Innovation Center» of BASF SE and Max Planck Society
2013-2014	President of the German Association for the Advancement of Science and Medicine
2015	Member of the Advisory Board of the International Conference on the Science and Technology of Synthetic Metals ICSM
	Member of The ECME Steering Committee
	Member of the Advisory Board of the Center for NanoScience, Munich
	Member of the Advisory Board « Quantum Effects in Electronic Nanodevices“
	Member of the Spinoza Selection Committee for the Netherlands Organization for Scientific Research
	Member of the International Advisory Committee of State Key Laboratory of Physical Chemistry of Solid Surfaces of Xiamen University
	Member of the iChem International Advisory Board (Collaborative Innovation Center of Chemistry for Energy Materials)
	Chair of the Assessment Committee for Technical Universities of the Netherlands
2016	Member of the Editorial Advisory Board « ChemPhotoChem »
	Member of the Scientific Advisory Board of the Center of Advancing Electronics Dresden of the TU Dresden
2018	Member of the Editorial Advisory Board of « Polymers »
2019	Member of the Advisory Board of Material Chemistry Frontiers
	Member of the Advisory Board of Science China Chemistry
	Chairman of the Scientific Committee of the International Centre for Innovative Biomaterials Research (ICRI-BioM)
	Member of the Selection Panel for the «Gravitation Programme», Netherlands Organisation for Scientific Research
2020	Member of the Editorial Board of Dyes and Pigments
2021	Member of the Editorial Board of Synthetic Metals
2023	Member of the Editorial Advisory Board of the Journal of the American Chemical Society

Awards and Lectureships

1990	Visiting Professor, University of Osaka (JSPS)
1993	Max-Planck-Research-Prize
	Honorary Professor, East China University of Technology, Shanghai

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1995	Richard-Willstätter-Lecturer, Jerusalem Honorary Professor University Mainz
1996	Capita-Selecta-Lecturer, Katholieke University of Leuven
1997	Philip-Morris-Research-Prize Melville-Lecturer, University of Cambridge
1998	Visiting Professor, University of Rennes
2000	Bruno-Werdelmann-Lecturer, University of Essen
2001	Honorary Doctorate, University of Sofia Bayer Distinguished Lecturer, Washington University, St. Louis Smets-Lecturer, Belgium
2001	Nozoe-Award, San Diego
2002	Lane Lecturer, Champaign, University of Urbana Kyoto University Foundation Award
2003	Science Award of the Stifterverband
2005	Deutschland in Japan Lectureship Award of the Chemical Society Japan
2006	International Award of the Belgian Polymer Group Honorary Professor, Chinese Academy of Sciences, Institute of Applied Chemistry, Changchun Butler Lecturer, University of Florida, Gainesville Barré Lecturer, University of Montreal Bender Lecturer, Northwestern University, Evanston ICI Distinguished Lecturer, University of Calgary
2007	Otto-Bayer-Lecturer, University of Cologne
2008	Hermanos Elhuyar – Hans Goldschmidt Award of the Spanish Chemical Society Visiting Professor, University of Bordeaux Honorary Professor, Institute of Chemistry, Beijing, Chinese Academy of Sciences Bayer Lecturer, University of Pittsburgh S. Kwolek Lecturer, Carnegie Mellon University, Innovation Award of the State of North Rhine Westphalia Nicolaus August Otto Award
2009	Visiting Scientist, University of Marseille Society of Polymer Science Japan International Award Honorary Professor, Jiao Tong University, Shanghai, China, Honorary Professor University of Heidelberg Honorary Member of the Israel Chemical Society
2010	Honorary Doctorate, Karlsruhe Institute of Technology
2011	ACS Award in Polymer Chemistry Tungming Tu Award of the National Science Councils, Taiwan Distinguished Visiting Professor, National University Singapore
2012	BASF-Award for Organic Electronics Einstein Professor, Chinese Academy of Science Gordon Stone Lecturer, University of Bristol Honorary Doctorate, Jiao Tong University, Shanghai
2013	Franco-German Award of the Société Chimique de France Adolf-von-Baeyer-Medal, German Chemical Society

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	Utz-Hellmuth-Felcht Award of the SGL Group
	ChinaNANO Award
2014	Carl Friedrich Gauß-Medal, Braunschweigische Wissenschaftliche Gesellschaft
	ACS Nano Lectureship Award
2015	J. T. Donald Lecturer, McGill University, Montreal
	The Thomas Graham Lecturer, University of Strathclyde, Glasgow
	Honorary Doctorate, University of Ulm
	van't Hoff Award, Royal Netherlands Academy of Sciences
2016	Honorary Professor, Beijing University of Chemical Technology
	Fellow of the Gutenberg Research College
	Herbert C. Brown Lecturer at Purdue University
	Hermann-Staudinger-Award, German Chemical Society
	Honorary Doctorate, University of Cologne
2017	Award of the Academy of Sciences and Humanities in Hamburg
	Principal Distinguished Professor, Dongguan University of Technology
2018	Honorary Doctorate, Technion Israel Institute of Technology
	Paul G. Gassmann Lecturer, University of Minnesota
	IKCOC Prize 2018, The 14th International Kyoto Conference on New Aspects of Organic Chemistry, November 2018
2019	Honorary Doctorate, University of Patras, Greece
	Karl-Ziegler-Award of the German Chemical Society
	Cothenius Medal, German National Academy of Sciences Leopoldina
	Honorary Professor, Northwestern Polytechnical University, Xian
	Award for Excellent Supervisors of Chinese PhD Students, GCCCD (Society of Chinese Chemists and Chemical Engineers in the Federal Republic of Germany)
2020	Spiers Memorial Award of the Royal Society of Chemistry
	Honorary Professor, University of Cologne
	Leonardo da Vinci Award 2020 of the European Academy of Sciences
2021	Honorary Doctorate, Lodz University of Technology
	Honorary Doctorate, Université de Strasbourg
2023	Grand Prix de la Fondation de la Maison de la Chimie (jointly with Prof. Fujita)
2023	5-Year Impact Prize of European Materials Research Society (E-MRS)
2023	Honorary Professor, University of Petroleum, Qingdao
2023	UNESCO-Russia Mendeleev International Prize in the Basic Sciences (jointly with Prof. Beletskaya)
2024	Honorary Professor Jiangnan University
	Honorary Professor Soochow University

Academy memberships

1999	Member of the German National Academy of Sciences Leopoldina
2012	Member of the North Rhine-Westphalian Academy for Sciences and Arts
2013	Member of the American Academy of Arts & Sciences
2015	Member of the European Academy of Sciences (EURASC)
	Corresponding member of the Braunschweigische Wissenschaftliche Gesellschaft

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2017	Member of the Academia Europaea Member of acatech – National Academy of Science and Engineering
2019	Corresponding member of the Saxon Academy of Sciences and Humanities in Leipzig
2020	Fellow of the Royal Society of Chemistry
2021	Member of the Accademia Nazionale Dei Lincei
2023	Foreign Member of the Chinese Academy of Sciences

Research targets

- Graphenes and carbon materials;
- new polymer-forming reactions ;
- multi-dimensional polymers with complex shape-persistent architectures;
- functional polymeric networks, in particular for catalytic purposes;
- dyes and pigments;
- chemistry and physics of single molecules;
- molecular materials with liquid crystalline properties for electronic and optoelectronic devices;
- biosynthetic hybrids;
- nanocomposites.

Major scientific contributions

2200 scientific publications (Source: Scopus, June 2025)

h-index: 193 (Source : Google Scholar, June 2025)

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