

Curriculum vitae Prof. Klaus-Müllen, emeritus professor at MPI-P

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
<http://www.mpip-mainz.mpg.de/4613038/director>



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
2003 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
Member of the International Advisory Board of Chemistry – An Asian Journal
2006 Member of the Senate Committee of the German Science Foundation
2006 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
2011–2017 Member of the Senate of the Max Planck Society

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- 2012 Member of the North Rhine-Westphalian Academy for Sciences and Arts
Member of the Editorial Board of BioNanoMaterials
Member of the administrative board of the Max Planck Institute for Coal Research
- 2013-2014 President of the German Association for the Advancement of Science and Medicine
Member of the American Academy of Arts & Sciences
- 2015 Member of the European Academy of Sciences (EURASC)
Corresponding member of the Braunschweigische Wissenschaftliche Gesellschaft
Member of the Spinoza Selection Committee for the Netherlands Organization for Scientific Research
Chair of the Assessment Committee for Technical Universities of the Netherlands
- 2017 Member of the Academia Europaea
Member of acatech – National Academy of Science and Engineering

Awards and Lectureships

- 1990 Visiting Professor, University of Osaka (JSPS)
- 1993 Max-Planck-Research-Prize
- 1993 Honorary Professor, East China University of Technology, Shanghai
- 1995 Richard-Willstätter-Lecturer, Jerusalem
Honorary Professort University Mainz
- 1996 Capita-Selecta-Lecturer, Katholieke University of Leuven
- 1997 Philip-Morris-Research-Prize
- 1997 Melville-Lecturer, University of Cambridge
- 1998 Visiting Professor, University of Rennes
- 1999 Member of the German Academy Leopoldina
- 2000 Bruno-Werdelmann-Lecturer, University of Essen
- 2001 Honorary Doctorate, University of Sofia
- 2001 Bayer Distinguished Lecturer, Washington University, St. Louis
- 2001 Smets-Lecturer, Belgium 2001 Nozoe-Award, San Diego
- 2002 Lane Lecturer, Champaign, University of Urbana
- 2002 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
- 2006 Honorary Professor, Chinese Academy of Sciences, Institute of Applied Chemistry, Changchun
- 2006 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

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	Honorary Member of the Israel Chemical Society
2010	Honorary Doctorate, Karlsruhe Institute of Technology
2011	ACS Award in Polymer Chemistry Tsunghing 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 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
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 IKCOC Prize 2018, Int. Kyoto Conference on New Aspects of Organic Chemistry

Research targets

- Graphenes and carbon materials;
- new polymer-forming reactions including methods of organometallic chemistry;
- 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

- > 1848 scientific publications
- > 100553 citations
- h-index : 137
- 280 PhD students
- 150 postdocs
- > 50 former students are now professors in academic institutions worldwide