

# Prof. Dr. Klaus Müllen

## 1. 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, D-55128  
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## 2. Professional Career

1966–1969 Studies in Chemistry, University of Cologne  
1969 Diplomchemiker-Degree (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  
1977 Privatdozent ETH Zürich  
1979–1984 Professor University of Cologne  
1984–1989 Professor University of Mainz  
1988 Call from the University of Göttingen  
1989 Scientific Member of the Max-Planck-Society and Director at the Max-Planck-Institute for Polymer Research  
1992 Call from the University of Cologne

## 3. 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  
Member of the Evaluation Committee of Chemistry Departments in Nordrhein-Westfalen (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  
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
2011-2012	Vice-President of the German Association of Natural Scientists and Physicians
2011	Member of the senate of the Max-Planck-Society
2012	Member of the North Rhine-Westphalian Academy for Sciences and Arts

#### **4. Awards and Lectureships**

1990	Visiting Professor, University of Osaka (JSPS)
1993	Max-Planck-Research-Prize Honorary Professor, East China University of Technology, Shanghai
1995	Richard-Willstätter-Lecturer, Jerusalem
1996	"Capita-Selecta"-Lecturer, Katholieke University of Leuven
1997	Philip-Morris-Research-Prize 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 Bayer Distinguished Lecturer, Washington University, St. Louis Smets-Lecturer, Belgium Nozoe-Award, San Diego
2002	Lane Lecturer, Champaign, University of Urbana Kyoto University Foundation Award
2003	Science Award of the "Stifterverband"
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 Tsongming Tu Award of the National Science Councils, Taiwan Distinguished Visiting Professor, National University Singapore
2012	BASF-Award for Organic Electronics 2012 Einstein Professor 2012, Chinese Academy of Science

#### **5. Research targets**

- 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;
- graphenes and carbon materials.