

Graphene as Unique Multitalent

Prof. Klaus Müllen

Max-Planck-Institut für Polymerforschung

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Professional Career

1971	PhD-work, Univ. of Basel (Prof. F. Gerson)
1972-1978	Postdoc and Habilitation (Prof. J.F.M. Oth) ETH Zürich
1977	Privatdozent ETH Zürich
1979-1984	Professor University of Cologne
1983-1989	Professor University of Mainz
1989	Member of the Max-Planck-Society and Director at the Max-Planck-Institute for Polymer Research

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 laser writing into polymers.
- Chemistry and physics of single molecules.
- Molecular materials with liquid crystalline properties for electronic/optoelectronic devices.
- Materials for lithium or hydrogen storage.
- Biosynthetic hybrids.
- Nanocomposites.