

CURRICULUM VITAE



Professor of General Materials Science
Institute of Physics
Martin Luther University Halle-Wittenberg
D-06099 Halle (Saale)
Germany

Tel.: ++49 3461 462740, 45
Fax: ++49 3461 462535
email: goerg.michler@physik.uni-halle.de
<http://www.micromechanics.de>

Goerg H. Michler

Born May, 19th 1945 in Stefansruh, Germany.

- 1963 – 68 Study of Physics at Martin Luther University Halle-Wittenberg
- 1968 Diploma in the field of solid state physics (“Effects of Nucleation at the Surfaces of Crystals”) at the Martin Luther University Halle-Wittenberg
- 1969 – 90 Scientist and group leader in Research Center of Chemical Industry, Schkopau
- 1978 Dissertation (PhD) “Deformation- and Fracture Mechanisms in Glassy and Rubber-Modified Polymers”, University Halle-Wittenberg
- 1987 Habilitation “Crazes and Craze-like Deformations in Polymers”, University Halle-Wittenberg
- 1989 Venia legendi in “Materials Technology”, Technical University Merseburg
- 1990 Professor of Experimental Physics at the Technical University of Merseburg
- since 1992 Professor of General Materials Science at the Martin Luther University Halle-Wittenberg
- since 1992 Director of the Institute of Polymeric Materials (IPW) as an applied research institute at the University
- since 2001 Co-Director of the Polymer Service GmbH Merseburg
- since 2002 Coordinator of the DFG Transferinitiative „Optimierung von Steifigkeit/Festigkeit/Zähigkeit von Polymerwerkstoffen“

Awards

- 2002 “A. v. Humboldt – J.C. Mutis Research Award”, Madrid, Spain
- 2003 “Paul J. Flory Polymer Research Prize”, Denton, USA

Publications

About 430 lectures at Conferences; 210 publications in scientific journals; 35 review articles and contributions to books;

- Author of the book "Kunststoff-Mikromechanik: Morphologie, Deformations- und Bruchmechanismen", Hanser-Verlag, München, 1992
- Editor and Co-Author of the book „Ultramikrotomie in der Materialforschung“, Hanser-Verlag, München, 2004

- Co-Editor of the book „Mechanical Properties of Polymers Based on Nanostructure and Morphology“ (Eds. Michler/Baltá), Taylor & Francis, Boca Raton (2005)
- Editor and Co-Author of the book “Electron Microscopy of Polymers”, Springer, Berlin 2008

Research activities in:

Structure-property-correlations of polymers, mechanical properties and enhancement of toughness, micro- and nanomechanical mechanisms of deformation and fracture, electron and scanning force microscopy of polymers, nanoanalytics, heterogeneous nanostructured and nanoparticle modified polymers.