

## **CV Professor Michael Buback**

**born February 16, 1945 in Nobitz (Thuringia, Germany)**

### ***Academic career:***

1963-1967 Study of Chemistry, University of Karlsruhe  
1972 Dr. rer.nat. (Karlsruhe)  
1978 Habilitation in Physical Chemistry (Karlsruhe)  
1978-1981 Heisenberg Fellow of the German Science Foundation (DFG)  
1981-1995 Professor (C3) for Applied Physical Chemistry, University of Goettingen  
1995-2012 Full Professor for Technical and Macromolecular Chemistry (Goettingen)  
since 2000 Member of the Goettingen Academy of Sciences

### ***Professional activities, memberships:***

1984-1992 Principal investigator within the DFG-funded SFB 93 "Photochemistry with lasers"  
1989-1991 Dean of the Faculty of Chemistry, University of Goettingen  
1990-2000 Chairperson of the DFG-funded Graduate School "Kinetics and selectivity of chemical processes in compressed fluid phase"  
1993-2004 Principal investigator within the DFG-funded SFB 357 "Molecular mechanisms of unimolecular processes"  
1998-2000 Director of the Institute for Physical Chemistry, University of Goettingen  
2000-2009 Goettingen Coordinator of the DFG-funded European Graduate School: "Microstructural control in radical polymerization"  
since 2003 Member of the Selection Committee of the Max Buchner Research Foundation  
2007 Visiting Erskine Fellow at the University of Canterbury, Christchurch (NZ)  
2012-2015 President of IUPAC Polymer Division  
Author/coauthor of more than 300 peer-reviewed scientific papers and several patents

### ***Awards and full professorships offered:***

1989 Carl-Duisberg Award of the German Chemical Society  
1990 DECHEMA Award  
1993 Full Professorship for Technical Chemistry at the University of Dortmund (offered)  
1995 Position of a Director at the Karlsruhe Research Center in conjunction with a full professorship for Technical Chemistry at the University of Heidelberg (offered)  
2005 Honorary Medal of the Polymer Institute of Slovak Academy of Sciences, Bratislava  
2007 Bunsen Medal of the German Bunsen Society for Physical Chemistry  
2007 Hermann F. Mark Medal  
2016 SPSJ International Award of the Society of Polymer Science Japan

### ***Main areas of research:***

Kinetics and mechanism of conventional and reversible deactivation radical polymerizations  
Pulsed-laser-induced polymerization  
Chemical processes up to high pressure monitored by online absorption spectroscopy  
Chemical reactions in supercritical fluid phase