

## Curriculum Vitae

**Prof. Dr. Michael R. Buchmeiser**

Chair of Macromolecular Compounds and Fiber Chemistry

Managing Director

Institute of Polymer Chemistry, University of Stuttgart

Pfaffenwaldring 55, 70550 Stuttgart

and

Member of Board, German Institutes of Textile and Fiber Research (DITF) Denkendorf

Körschtalstr. 26, D-73770 Denkendorf

Tel: +49-(0)711-685-64074, Fax: +49-(0)711-685-64050

e-mail: michael.buchmeiser@ipoc.uni-stuttgart.de

<http://www.uni-stuttgart.de/ipoc/>

Michael R. Buchmeiser received his Doctoral Degree in Organometallic Chemistry in 1993 from the University of Innsbruck, Austria (Prof. Dr. H. Schottenberger). He was awarded an “*Erwin Schrödinger Fellowship*” and spent one year at the MIT, USA, within the group of Prof. Richard R. Schrock (Chemistry Nobel Prize 2005). In 1998, he finished his “Habilitation” in *Macromolecular Chemistry* at the University of Innsbruck where he then held a Faculty Position as Associate Professor from 1998-2004. From 2000-2001, he was Visiting Professor at the Graz University of Technology, Austria. In 2004 he accepted a Faculty Position (C-4 Professor) at the University of Leipzig, Germany. In addition, from 2005-2009, he served as Vice Director and Member of Board at the *Leibniz Institute of Surface Modification (IOM)*, Leipzig, Germany. He was offered Faculty Positions (Full Professor of Polymer Chemistry) from the University of Halle (Germany, 2004), from the University of Leoben (Austria, 2005), from the TU Dresden (Germany, 2007), and from the Saarland University, Germany, in combination with the position of the Scientific Director of the Leibniz-Institute of New Materials (INM, 2012), which he all declined. Since 2009, he holds a Faculty Position (Full Professor) at the University of Stuttgart (Germany) and is Member of the Board of Directors at the German Institutes of Textile and Fiber Research (DITF) Denkendorf. Since 2018, he is also spokesperson of the Collaborative Research Center CRC 1333 “*Molecular Heterogeneous Catalysis in Confined Geometries*”. His research interests include catalysis and polymer synthesis, particularly polymerization catalysis, the synthesis of functional polymeric materials, e.g., for molecular heterogeneous catalysis, polymers for batteries, fiber-matrix composites and high-performance fibers, in particular cellulose, carbon and ceramic fibers. In addition, he is also interested in aspects of reaction engineering for continuous, both metal-catalyzed heterogeneous and biocatalysis. So far, he has published more than 500 scientific papers and has filed more than 60 patents. For his scientific work, he received the “*Professor Ernst Brandl Research Award 1998*”, the “*START Award-2001*” the “*Novartis Award 2001*”, the “*Otto-Roelen Medal of the German Catalytic Society*” (2010) and the Hermann F. Mark Medal (2022).