

Personal Data:

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Doctoral Degree

Dr. Sci. Royal Institute of Technology, 1977. Dissertation on “Studies on the Mineralization of C¹⁴-Labelled Polyethylenes in Aerobic Biodegradation and Aqueous Aging” under Prof. B. Rånby

Postdoctoral Visits

Distinguished Guest Professor: The Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, since 2006

Visiting Professor: Polytechnic University of New York, Brooklyn, N.Y., USA: Spring 1984

Visiting Scientist: University of Kyoto, Japan: January-February 1975; University of Massachusetts, Amherst, USA: Autumn 1982 – Spring 1983; Research Institute for Polymers and Textiles, Tsukuba, Japan: January-March 1986 (invited by MITI)

Senior Lecturer Expertise

1980 Docent in Polymer technology

1980 University lecturer, Department of Polymer Technology, Royal Institute of Technology

Current Affiliation

Since 2006: Professor and Head of the division of Polymer Technology at the Department of Fibre and Polymer Technology, Kungl. Tekniska Högskolan, KTH, Stockholm, Sweden

Previous Employments

1986-1989 Acting Professor, Department of Polymer Technology, Royal Institute of Technology; 2003-2005 Head, Department of Fibre and Polymer Technology, Royal Institute of Technology; 1989- Professor (appointed by Government), Head, Polymer Technology, Royal Institute of Technology

Awards and Special Commissions

1992 The Arnberg Award: The Royal Swedish Academy of Sciences; 1996 The Nordblad.-Ekstrand Medal: The Swedish Chemical Society; 2009 Honorary Professor at BUCT, Beijing University of Chemical Technology; 2009 Honorary Member of the Israel Chemical Society; 2009 The Giulio Natta Award for a senior scientist whose discoveries have contributed to an enhancement in the quality of life in the field of Chemistry: Giulio Natta Awards foundation, Italy, 2009 ERC Advanced Grant

Publications

More than 360 publications in international scientific journals, and with over 7000 citations. Editor of 10 books.

Patents

1. O. Dahlman; M. Söderqvist Lindblad; J. Parkås, A.-C. Albertsson; U. Edlund, Utilization of a wood hydrolysate, *WO 2009/068525 A1*, 2009.
2. A.-C. Albertsson; U. Edlund, Barrier layers for packaging laminates and packaging laminates comprising such barrier layers, *WO 2011005181 A1*, 2011.
3. Application filed in August 2010.

Professional Activities

1989- Member of the Royal Swedish Academy of Engineering Sciences (IVA); 1996- Member of the board of RIFO (The Swedish Association of Members of Parliament and Scientists); 1983-2000 Swedish Cement and Concrete Research Institute; 1992-1994 and 2003-2006 The Swedish Government Research Advisory Board of the Ministry of Education and Science; 1999-2004 Member of the board Defence Material Administration (FMV); 1999-2004 Member of the board Trelleborg AB; 1992-1997 Member of the board of KTH Alumni; 1995 Fellow IUPAC; 1994-1998 Chairman working party Functional Polymers; 1993-1996 Member of working party for Recycling of Polymers; 1995- Member of the Board of EPF (European Polymer Federation) and 2001-2003 President EPF; 1986- Chair person SSF (Swedish Polymer Society); 2005 and 2007 Participated in the panel evaluating applications in material science for the Research Council for Natural Sciences and Engineering of the Academy of Finland; 2007 Member of the Scientific Advisory Board of the centre of Excellence, FUNMAT, Finland (Functional Materials); 2008-2012 Member of Scientific Advisory Board at the Max Planck Institute for Polymer Research; 2008 Member of Advisory board, Borealis, 2007- Member of the Advisory Board of the Graduate School of Excellence "Materials Science in Mainz" at the Johannes Gutenberg University of Mainz.

Editor-in-Chief, Biomacromolecules

Editor, since the start in spring 2000, of the American Chemical Society journal *Biomacromolecules*. A journal integrating polymer science and the biological sciences. Impact factor 2010: 5,3

Member of the editorial board of the following journals

Advances in Polymer Science, Progress in Polymer Science, Macromolecules (1999-2002), Journal of Macromolecular Science Part A – Pure and Applied Science (1985-1996), Macromolecular Reports (1991-1996), Journal of Applied Polymer Science, Journal of Polymer Science A: Polymer Chemistry, Polymer Degradation and Stability, Journal of Environmental Polymer Degradation, Journal of Bioactive and Compatible Polymers, Acta Polymerica, Polymers for Advanced Technologies (PAT), Polymers & Polymer Composites, Chinese Journal of Polymer Science, Journal of Biopharmaceutics and Biotechnology and e-Polymers.