



LINDMAN, BJÖRN

Honorary Member, SWEDEN

Professor, Ph.D.

Date of birth: 30 July, 1942

Chair Professor at Division of Physical Chemistry 1, Department of Chemistry and Chemical Engineering, Lund University, Sweden. Academic degrees: Chemical Engineering, Royal Institute of Technology, 1966; Licentiate, Physical Chemistry, Lund University, 1970; Ph. D., Physical Chemistry, 1971;

'Docent' in Physical Chemistry, Lund University, 1971.

Positions: Teaching assistant, Royal Institute of Technology, 1965-67; Teaching assistant, Lund University 1966-1971; Lecturer (associate professor), Physical Chemistry, 1970-76; Associate professor, Biochemical molecular spectroscopy, Swedish Natural Sciences Research Council, 1976-78; Full professor, Physical Chemistry, since 1978. Chairman, Center of Amphiphilic Polymers, 1994-96; Chairman of the Board of Surface & Colloid Center, Lund University; Programme Director Strategic Foundation National Programme on Colloid & Interface Technology; 1997-Visiting professorships: Australian National University (1985, 1990), Yokohama National University (1985, 1987, 1992, 1996), Tokyo Science University (1989), University of Coimbra (since 1998), Kyoto University (1999), UNICAMP, Brazil (2000), Nanjing University of Science and Technology (1996, 2003), Univ. *Pierre et Marie Curie*, Paris (2001), Nanyang Technical Univ., Singapore (2006).

Research areas: contributions in different areas of colloid and surface chemistry: self-diffusion and microstructure of microemulsions; anomalous temperature effects in surfactant and polymer systems including clouding and thermal gelation; phase behaviour of block copolymer-solvent systems; gelation and rheology control of polymer-surfactant systems; phase behaviour of mixed polymer-surfactant solutions; interfacial organization of surfactants and polymer-surfactant mixtures; DNA-cosolute interactions including. Compaction by surfactants and polymers; colloidal biology.

External professional activities: Director of studies, undergraduate studies, Chemical Section, Lund University 1970-1974; Director of studies, Ph. D. studies, Chemical Center, Lund University 1974-1980; member of the Royal Physiographic Society in Lund since 1982; member of the Royal Swedish Academy of Engineering Sciences since 1984; member of the Royal Swedish Academy of Sciences since 1994; Comité de Direction, Centre de Recherche Paul Pascal, Bordeaux (1982-1986); Industrial Committee, Institute for Surface Chemistry, Stockholm (since 1983); Comité de Direction, LESOC, Nancy (1984-89); Comité de Direction, Lab. Systèmes Polyphasés, Montpellier (1984-88); Council International Association of Colloid and Interface Scientists; Evaluator of Higher Science Education in Finland, Ministry of Education, Helsinki; Director Frame Program Surface and Colloid Chemistry of the Swedish Research Council of Engineering Sciences (1992-8); member of the scientific boards of several prestigious companies; President-elect International Association of Colloid and Interface Scientists (2003-), to become President 2006, Research Collegium Foundation of Strategic Research (2003-). Consultant for European, US and Japanese companies.

Journal editor and advisory boards: *Journal of Colloid and Interface Science*, *Colloid & Polymer Science*, *Progress in Colloid & Polymer Science*, *The Journal of Physical Chemistry*; *Journal of Surface Science and Technology*, *Colloid & Surfaces B: Biointerfaces*; *Cellulose*; *Acta Chemica Scandinavica*; *Journal of Dispersion Science and Technology*; *Current Opinion in Colloid & Interface Science*; *Physical Chemistry Chemical Physics*; *Encyclopedia of Surface and Colloid Science*.

Awards: Unilever Award, Royal Institute of Technology (1966); Arrhenius Award of the Swedish Chemical Society (1989); Medal, Faculty of Science, University of Helsinki; Lectureship Award Colloid Division of Japan Chemical Society (1999); Stichtung Award (1998); Langmuir Award, American Chemical Society (1998); Kash Mittal Award, Surfactants in Solution (2002); Molecular Science Award of the Chinese Chemical Society and

the Chinese Academy of Sciences (2004); Award, Shaanxi Normal University, Xi'an (2004); Victoria Memorial Lecture, Indian Association for the Cultivation of Science (2005)

Honorary degrees: Shandong University, China (1987), Åbo Akademi (dr h c 1988), Yokohama National University (dr h c 1989), Nanjing University of Science and Technology (dr h c 1996).

Publications: more than 500 scientific papers in international journals and books. 3 monographs and more than 10 edited books. Textbook on *Surfactants and Polymers in Aqueous Solution* (with B. Jönsson, K. Holmberg, B. Kronberg).

Conference organization: More than 10 international conferences and workshops, including Surfactants in Solution; European Chemistry at Interfaces; Microemulsions; Amphiphilic Polymers and Gels, Nobel Workshop on fundamental aspects of biological function. Annually 10-20 lectures at conferences, at universities, research institutes and industrial research centers. Annually 2-3 courses for industry.

References:

<http://www.era Careers.pt/opportunities/index.aspx?task=showMember&jobID=11077&jurID=6894&lang=en&idc=3>

<http://www.lunduniversity.lu.se/>