

Curriculum Vitae

Curriculum Vitae Kristoffer Almdal

Professor, lic. scient., cand. scient.

Born 30. December 1958

Private address (from 15.5.2014): Pilevænget 7, Hareskovby, 2500Vørløse in Frederiksberg

Workplace address: Department of Micro and Nanotechnology, Technical University of Denmark – DTU, Ørstedes Plads, Building 345Ø, 2800 Kgs. Lyngby, Denmark.

Phone + 45 45 25 54 80, Mobile: +45 20 91 58 52; Fax + 45 45 88 77 62

Education: lic. scient. (Ph.D.) 1989, polymer chemistry and analysis; cand. scient (Masters) 1985 physical organic chemistry.

Professional Positions: **Technical University of Denmark – DTU:** 08-present: Professor, DTU Nanotech. Head of Section (Jun. 08 – Mar 11). Head of Department (Jan. 07 – Dec. 07)

Risø National Laboratory: Danish Polymer Centre: Head of Department (Oct. 03 – Dec. 2006); Head of Programme (Jan. 01 – Sep. 03). Condensed Matter Physics and Chemistry Department: Head of Programme (Sep. 00 - Dec 00); Senior Scientist (Mar. 93 - Aug. 00). Materials Department: Senior Scientist (Sep. 92 - Mar. 93); Scientist (Sep. 90-Aug. 92). Chemistry Department: research associate (sep. 88 - jun. 89); scholarship (sep. 85 - aug. 88).

University of Minnesota: Postdoctoral Research Associate (Jul. 89 - Aug. 90) at the Department of Chemical Engineering and Materials Science.

Honors: Member of the Danish Academy of Natural Sciences (DNA). Member of the Danish Academy of Technical Sciences (ATV). **Prizes:** The 2008 manufacturer Ulrich Brinch and wife Marie Brinch's honorary prize. The 2012 ATV|Elastyren Prize.

Leadership: Managing a section at DTU Nanotech, and Polymer Department/Danish Polymer Centre at Risø DTU/Risø National Laboratory (40-50 employees, turnover 40 Mkr./year). Coordinator of an EU training of researchers network. Heading a Human Frontier Science Program project grant RGP41/2004. Heading a FTP major research project grant 274-07-0172. Deputy Head of VKR Centre of Excellence NAMEC. Educational coordinator at DTU Nanotech.

Research area: Polymer synthesis, anionic polymerization, self-organization phenomena, mesophase structure, functional polymeric nanoparticles and sensors, rheology, polymer degradation; critical phenomena, small angle scattering, size exclusion chromatography, interfaces in polymer composites, polymeric biomaterials.

Supervision: Advisor or and co-advisor of 14 post docs and 24 Ph.D. students (Danish Technical University: 18; University of Copenhagen: 3; University of Roskilde: 1; University of Southern Denmark: 1, University of Lund: 1), 4 Industrial Ph.D. students (Coloplast Research A/S, Aquaporin A/S, Brüel & Kjør A/S, and the Danish Technical University) and 15 masters projects (Danish Technical University). Since 2011 5 supervised PhD, 10 MSc and 6 BSc students have completed their degrees. 9 PhD, 2 MSc and 1 BSc projects are presently supervised or co-supervised.

Publications: Co-author of 154 articles published in reviewed international periodicals. 25 articles published in 2010 or later. The articles have been cited more than 7000 times totally and the h-index is 44. 23 papers have been cited more than 100 times– out of these 1 more than 500 times. 3 papers have no citations. Co-author of 12 patent families, 2 book chapters, and 21 other publications. 19 invited lectures at conferences. ResearcherID: A-3573-2011

Membership of professional societies: DNA (since 2002); ATV (since 2013); The Danish Society for Polymer Technology (since 1985); The Danish Chemical Society (since 1985); The American Physical Society (since 1990); The Danish Physical Society (since 1999); The Society of Rheology (1996-2011).