

Curriculum vitae for Professor Lise Arleth

- 2015-: Professor in Experimental Biophysics, Niels Bohr Institute, University of Copenhagen.
- 2012-2016: Head of studies, Niels Bohr Institute, Uni Copenhagen (~750 MSc/BSc students in physics)
- 2011: Professor MSO in Scattering and Synthetic Biology at Faculty of Life Sciences, Uni Copenhagen.
- 2010-2012: Head of the Ph.D. School at Faculty of Life Sciences, Uni Copenhagen (~700 PhD students).
- 2006: Associate professor in the Biophysics group, Faculty of Life Sciences, Uni Copenhagen.
- 2004: Assistant professor in the Biophysics group, Royal Veterinary and Agricultural University (KVL).
- 2003-2004: Post doc. at the Danish Polymer Centre, Risø National Lab., Denmark.
- 2002-2003: Post doc. at the "Lujan Neutron Scattering Center" at Los Alamos National Lab, NM, USA.
- 2001-2002: Post doc. position at Risø National Lab., Denmark
- 1996-2001: Ph. D. Studies in Biophysics at Risø and KVL. Two longer visiting stays (6 months each place) at the Dept. of Applied Math, Australian National University, Australia and Courant Institute of Mathematical Sciences, New York University, USA. + Two maternity leaves.
- 1995: Research assistant, Condensed matter Physics and Chemistry, Risø, Denmark.
- 1995: MSc/Cand Scient (Physics and Mathematics) Roskilde University.

Teaching, research and management:

Since 2006: Supervisor/Co-supervisor of 14 Ph.D. students (12 graduated, 1 presently active, 1 discontinued), 16 Post Docs (7 presently active) as well as several MSc and BSc project students.

Course responsibility and lecturer at BSc, MSc and PhD level courses at University of Copenhagen.

Member of panels and boards, e.g. the Scientific Advisory Committee for the European Spallation Source (2008-2013), the Max-IV synchrotron (2012-), ISIS neutron Source (Oxford, UK, 2015-), the Diamond Synchrotron (Oxford, UK, 2011-2016), the SINQ neutron source (Paul Scherrer Institute, PSI, Switzerland, 2009-2014).

University management: Head of the PhD School at KU-Life (2010-2012, ~700 enrolled PhD students). Head of studies, Physics, Niels Bohr Institute, University of Copenhagen (2012-2016, ~750 MSc/BSc students in physics)

Research interests:

Solution small-angle scattering (X-rays and neutrons, i.e. SAXS and SANS) for investigations of various colloidal samples. Special focus on membrane proteins and carrier systems for these. Almost all experiments are carried out at international large scale facilities (X-ray Synchrotrons and Neutron scattering facilities) in highly interdisciplinary and international scientific environments. Strong engagement in the European Spallation Source (ESS) and the Max-IV Synchrotron projects.

Dissemination and Outreach

Scientific publications: See e.g. Lise Arleth at Google Scholar for most recently updated.

Presentations: Many (40+) international conference presentations, including invited speaker/plenary speaker at several major international conferences. Many presentations at smaller national and international meetings and workshops (presently ~15 /year). This includes presentations for a broader audience.

Industry outreach: Strong experience with industry outreach work on X-ray and Neutron scattering analysis, e.g. based on the NXUS and LINX projects. See e.g. www.linx.org.