

**Curriculum vitae for Jakob Bohr**  
(pdf at [www.nanotech.dtu/staff/faculty](http://www.nanotech.dtu/staff/faculty))

Born 17. February 1957 in Copenhagen, Denmark

**Education:**

Sep 1980 - Feb 1984 Technical University of Denmark [Ph.D.].  
Sep 1974 - Aug 1980 Technical University of Denmark [M.Sc. in Engineering].

**Academic grades:**

dr. scient., University of Copenhagen, 1991.  
Ph.D., Technical University of Denmark, 1984.  
M.Sc. in Engineering, Technical University of Denmark, 1980.

**Professional experience:**

Dec 2010 - Professor, DTU Nanotech, Technical University of Denmark.  
May 2010 - Nov 2010 Professor, Risø DTU, Technical University of Denmark.  
Jan 2008 - Apr 2010 Professor, Department of Physics, Technical University of Denmark.  
Jul 1996 - Dec 2004 Professor, Department of Physics, Technical University of Denmark.  
Jan 1994 - Jun 1996 Research Professor, Department of Physics, Technical University of Denmark.  
Jul 1991 - Dec 1993 Research Professor, Risø National Laboratory, Denmark.  
Oct 1986 - Jun 1991 Staff, Risø National Laboratory, Denmark.  
Oct 1984 - Sep 1986 Assistant Physicist, Brookhaven National Laboratory, U.S.A.  
Sep 1980 - Feb 1984 Stipend, Risø National Laboratory, Denmark.  
Sep 1976 - Dec 1979 Student job as teaching assistant in mathematics, DTU.  
Jun 1978 - Sep 1978 Graduate research assistant at Los Alamos National Laboratory, U.S.A.

**International experience:**

- Visiting Professor at CAU, Kiel, Germany (2007).
- Visiting Scientist at ILL, Grenoble, France (2004).
- Assistant Physicist at Brookhaven National Laboratory (1984-1986), U.S.A.
- Has participated in work at synchrotron facilities in Germany, France and U.S.A.
- Member, C10 IUPAP Commission (1996-2002).
- Member, COST P1 Committee, Physics, Soft Condensed Matter (1997-2002).
- Participated in various evaluation panels for the European Commission (1995-2008).
- Chair of the High Level Scientific Conference Panel, EU, Brussels (1999 & 2002).
- President of the Basic Science Panel for the Descartes Prize, EU, Brussels (2000).

**Other information:**

- Fellow of the Institute of Physics, UK and Ireland (From 2004).
- Villum Kann Rasmussen's award for Technical Research, The Villum Kann Rasmussen Foundation (1993).
- Cowinner of the award for Outstanding Scientific Accomplishment in the category of Solid State Physics in the U.S. Department of Energy's Annual Materials Sciences Research Competition (1985).
- Liquids and Soft Matter Board, Journal of Physics: Condensed Matter (2001-2004).
- Chairman of the Danish Physical Society (1993-1996).

**Expertise:**

Nanoscale molecular biophysics, Helical structures, The nanoscale physics of DNA, Protein physics, Condensed matter physics, Nano science and technology, Magnetism and magnetic x-ray scattering, The physics of human senses, and Titius Bode rule.

**WWW Pages:**

Theoretical Biophysics, <http://www.nanotech.dtu.dk/Research/Research%20groups/TheoBio.aspx>  
ResearcherID, <http://www.researcherid.com/rid/A-5819-2012>  
Google Scholar Citations, <http://scholar.google.com/citations?user=GmC3KlGAAAAJ&hl=en>