

Curriculum Vitae

Short Curriculum Vitae for Finn krebs Larsen

1941. Born 22. June in Nørresundby, Denmark.
1966. Graduated from University of Aarhus, Denmark, majoring in X-ray and neutron crystallography.
- 1966-67. Military service.
- 1967-69. Post.doc. at Department of Chemistry, University of Aarhus.
- 1969-71. Research Associate at State University of New York at Buffalo.
- 1971- Lektor (Associate Professor) at University of Aarhus.
- 1987-89. Head of Department of Chemistry at University of Aarhus
- 1995-2004. Budget responsible for the Inorganic Laboratory. Prime mover for successful "Rammeansøgninger" and applications for X-radiffractometers, X-ray generators and cooling equipment for use in the Inorganic Laboratory.
- 1996-2003. Member of the board for DANSYNC, the organization of Danish users of hard X-ray synchrotron radiation facilities.

Director of Nordic Research Ph.D. Training courses, 1988, 1993, 1997, 2001 and 2004 on Applications of X-ray Synchrotron Radiation in Chemistry, Physics, Biology and Medicine, University of Aarhus, Denmark

Director of the 3rd European Charge Density Meeting and European Science Foundation Exploratory Workshop, 2003 University of Aarhus congress centre Sandbjerg Estate, Denmark

Visiting scientist at Institut Laue-Langevin, Grenoble, France for several shorter periods since 1979, at the National Synchrotron Light Source, Brookhaven, New York since 1986, at the European Synchrotron Research Facility, Grenoble, France since 1994, at Spring8, the Japanese Synchrotron Radiation Research Institute, Mikazuki, Sayo, Japan since 2002 and at the Advanced Photon Source, Argonne National Laboratory, Chicago, USA since 2003.

Invited lecturer abroad (since 2000):

- 1995-2004. HERCULES course (Higher European Research Course for Users of Large Experimental Systems) at ESRF, Grenoble, France. Annual international Ph.D. course on the use of neutron and synchrotron radiation for physics and chemistry of condensed matter.
2000. Chalmers University of Technology, Goeteborg, Sweden.
2001. 11th International Symposium on Organic Crystal Chemistry, Poznan-Rydzyzna, Poland.
2001. XIVth Conference-Workshop on Horizons in Hydrogen Bond Research, Torino, Italy.
2002. XIX Congress and General Assembly of the International Union of Crystallography. Microsymposium on Low Temperature Crystallography, Geneva, Switzerland.

2002
Republic of Moldova.

XIV Conference on Physical Methods in Coordination and Supramolecular Chemistry, Chisinau,

2003

21st European Crystallographic Meeting in Durban, South Africa.

Research interests: Accurate crystallographic studies of electron density distributions in solid state materials, in particular novel magnetic materials and oxidation catalysts consisting of polynuclear and polymetallic complexes including mixed valence transition metals. Also studies of the nature of very short, strong hydrogen bonds due to their fundamental interest and to their importance in molecular recognition processes. The necessary tools and techniques are multi-temperature diffraction measurements using short wavelength X-radiation (conventional and synchrotron) and neutrons.