

Curriculum vitae

for

Hans Lomholt Skriver

Born 13. August 1944, Ørsted, Århus amt.

Danish citizen

Married to Cherry and father to Nicolai, Jacob og Anne Dorte

Education

Randers Statsskole	Student	1964
Danmarks tekniske Højskole	Civilingeniør	1970
Danmarks tekniske Højskole	Lic. techn.	1973
Københavns Universitet	Dr. Scient.	1985
Uppsala Universitet	Dr. Phil. honoris causa	2001

Scientific career

Danmarks tekniske Højskole	PhD student	1970-1973
National Research Council, Ottawa	Post. Doc.	1974-1975
Kamerlingh Onnes, Leiden	Visiting scientist	1975-1976
Forskningscenter Risø	Research scientist	1976-1978
Max Planck Institut, Stuttgart	Visiting scientist	1978-1979
Nordita	Research scientist	1979-1980
Forskningscenter Risø	Research scientist	1980-1983
Forskningscenter Risø	Niels Bohr fellow	1983-1986
Nordita	FTU fellow	1986-1988
Nordita	Novo fellow	1988-1989
Danmarks tekniske Højskole	Novo fellow	1989-1993
CAMP/DTU	Assistant Professor	1993-1997
CAMP/DTU	Professor	1997-

Miscellaneous

1979	External examiner at Harry Lenkeeks thesis defence, University of Leiden
1982-1985	Member of <i>The organising committee of the european high pressure research group</i>
1985	Awarded the Gram Medal by the Royal Danish Academy of Sciences and Letters
1983-1986	Consultant to <i>Los Alamos Scientific Laboratory, New Mexico</i>
1983-1990	Member of the editing committee for <i>Lanthanide and Actinide Research</i>
Juni 1994	Director of summerschool: <i>Nano-Scale Materials Physics</i>

Invited talks

- Apr. 1980 *Bandstructure and cohesion of the actinide metals at the International Symposium on the Physics of Actinides and Related 4f Materials, Zürich*
- Maj 1980 *Bandstructure and cohesion of the actinide metals at Journées des Actinides, Stockholm*
- Jan. 1981 *Bandstructures. Two lectures at DSF's vinterskole i faststoffysik, Kbenhavn*
- Aug. 1981 *The s-d Transition in Compressed Lanthanum at Nordic Solid State Physics Conf. 1981, Kbenhavn*
- Aug. 1981 *Electronic Structure of the Actinide Metals at Physics of Solids under High Pressure, Bad Honnef*
- Aug. 1981 *Shock Anomaly and s-d Transition in High Pressure Lanthanum at Physics of Solids under High Pressure, Bad Honnef*
- Sept. 1981 *Cohesion and Electronic Structure of the Actinide Metals, inviteed poster at Actinides 81, Asilomar*
- Sept. 1981 *Pressure Calculations for the Actinide Metals at Actinide Workshop, Los Alamos*
- Mar. 1982 *Cohesion and Electronic Structure of the Actinide Metals at Europhysics Conference on Solid State Physics, Manchester*
- Juli 1982 *The Alkaline Earths under Pressure at 1982 Gordon Conference on Physics and Chemistry at High Pressure, Meriden*
- Juli 1982 *Electronic Structure and Cohesion in the Rare Earth Metals. Four lectures at Systematics and the Properties of the Lanthanides, Braunlage*
- Aug. 1982 *Crystal Structures under Pressure from First Principles Calculations at European High Pressure Physics Conference, Stuttgart*
- Aug. 1982 *Structures of Solids under High Pressure at X-Ray Synchrotron Radiation, Present and Future. NORDITA workshop, Kbenhavn*
- Apr. 1983 *Elementary Theory of Actinides under Pressure at Actinides under Pressure, Karlsruhe*
- Maj 1983 *Crystal Structures from First Principles Calculations at 13th Annual International Symposium on Electronic Structure of Metals and Alloys, Jonsbach by Dresden*
- Aug. 1983 *Status of Bandstructure Calculations of the Actinides at Actinides Electronic Structure Workshop, Los Alamos*
- Feb. 1984 *Calculated structural energies of metals at Bandstructure Calculations Methods, Results, and Applications, Bad Honnef*
- Okt. 1984 *Spin Polarization and Localization in f-metals at CCP 9's Electronic Structure of Solids, Abingdon*
- Nov. 1984 *Crystal Structures of the Metallic Elements at Dansk fysisk Selskabs topical meeting on Electronic Structure Calculations, Kbenhavn*
- Mar. 1985 *Crystal structures of s-, p-, d-, and f-metals at 5th General Conference of the EPS, Berlin*
- Jul. 1986 *Crystal structures of metals from one-electron theory at CALPHAD XV, Fulmer Grange*
- Maj 1989 *LMTO for interfaces at Workshop on electronic structure and materials, Uppsala*
- Jun. 1989 *LMTO for interfaces at Many-atom interactions in solids, Pajulati*

- Maj 1990 *LMTO for interfaces at Workshop on the electronic structure of ordered and disordered systems*, Budapest
- Jul 1991 *Metallic work functions and surface energies at International Symposium on - Metal/Ceramic Interfaces*, Irsee
- Sep 1991 *Metallic work functions and surface energies at Quantum Theory of Solids*, Aarhus
- Jan 1992 *Work functions and surface energies of transition metals at Miniworkshop: Total energy and force methods*, Ringberg, München
- Aug 1992 *Green's function technique for surfaces and interfaces at Methods of electronic structure calculations*, Trieste
- Sep 1992 *3d Surface energy anomaly at Quantum Theory of Solids*, Aarhus
- Sep 1993 *Metal surfaces and interfaces by LMTO-ASA at Electronic structure and condensed matter*, Ringberg München
- Jan 1994 *Full charge-density calculations of surface energies at Miniworkshop: Total energy and force methods*, Vrse
- Oct 1994 *Metal surfaces and interfaces by LMTO-ASA at Mini-Symposium on Surface and Bulk Electronic Structure of Materials*, Uppsala
- Apr 1995 *Anti-phase Boundaries and Long-Period superstructures at International Symposium on Atomic Bonding at Internal Interfaces Modelling and Spectroscopy*, Ringberg München
- Sep 1995 *First Principles Calculations of Magnetism of Surfaces and Interfaces at ESF Research Conference on Electronic Structure of Solids: Itinerant Magnetism*, Luntern, Holland
- Oct 1995 *Site substitution in Ni₃Al at 4th Central European Workshop on Electronic and Magnetic Properties of Alloys, Surfaces, and Interfaces*, Zubri, Czekiet
- Dec 1995 *Quantum-Well induced quenching of magnetism in Ag/Pd at Mini-Symposium on Magnetic Properties of Interfaces*, Uppsala
- June 1996 *Electronic structure calculations for surfaces, two lectures at International Summer School on Measurement and Modelling of Surfaces and Thin Films*, Tri Studne, Czekiet
- Oct 1997 *Crystal-structure contribution to the solid solubility in transition metal alloys, at Fifth Central European Workshop on the electronic Structure of Metals and Alloys, Surfaces, and Interfaces*, Mátrah, Ungarn
- Nov 1997 *Crystal-structure contribution to the solid solubility in transition metal alloys, at Quantum Theory of solids 4*, Århus
- Jun 1999 *Steps, Kinks, and segregation at metallic surfaces, at VIII-th Symposium on Surface Physics*, EPS, Trest
- Aug 2000 *Application of Exact Muffin-Tin Orbitals theory, at Psi-k conference 2000*, Schwäbisch Gemünd