

ALEX HANSEN

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Norwegian Citizen

Born December 4, 1955 in Oslo

Education

1975–1979	Cand. Mag.	Universitetet i Oslo	Oslo, Norway
1979–1981	Cand. Real.	Universitetet i Oslo	Oslo, Norway
1981–1984	M. Sc.	Cornell University	Ithaca, New York
1984–1986	Ph. D.	Cornell University	Ithaca, New York
1992	Habilitation	Université de Rennes	Rennes, France

Cand. Real. Work

A quantum field theoretical study of the Klein paradox. Thesis advisor: Professor Finn Ravndal, University of Oslo.

Doctoral Work

Theoretical and numerical studies of transport phenomena in disordered media, superfluid turbulence, and anomalous quantum statistics of ^4He thin films vortices. Thesis advisor: Professor Mark Nelkin. Doctoral committee: Professors M. E. Fisher, C. Franck and M. Nelkin, Cornell University.

Diplôme d'Habilitation à Diriger des Recherches

Committee members: Drs. D. Bideau (Rennes), E. Guyon (Paris), E. J. Hinch (Cambridge), D. Stauffer (Cologne), J. -P. Troadec (Rennes), H. Van Damme (Orléans) and J. Vannimenus (Paris).

Post-Doctoral Positions

1986–1987	Groupe de Physique des Solides, Ecole Normale Supérieure, Paris, France
1987–1988	Institut für Theoretische Physik, Universität zu Köln, Germany
1988–1989	IBM Bergen Scientific Centre, Bergen, Norway
1989–1991	Fysisk institutt, Universitetet i Oslo, Norway

Regular Positions

1991–1993	Chargé de Recherche Première Classe du Centre National de la Recherche Scientifique (CNRS)
1994–	Professor of Theoretical Physics at the Norwegian University of Science and Technology (NTNU)

Invited Positions

1994	Invited Professor	Université de Rennes 1
1995	Joliot Professor	ESPCI, Paris
1998	CNRS Scientist	Ecole Normale Supérieure, Lyon
1998	Invited Professor	Ecole Normale Supérieure, Paris
1999	Invited Professor	Universidade de Brasília
1999	Visiting Professor of Theoretical and Applied Mechanics	Cornell University
2000	Invited Professor	Université de Nice—Sophia Antipolis
2006	Invited Lecturer	Université Louis Pasteur, Strasbourg
2007	Invited Professor	Université Louis Pasteur, Strasbourg
2007	Invited Professor	Université de Rennes 1
2007	Invited Professor	Université de Paris-Sud, Orsay
2009	Invited Professor	Université de Paris-Sud, Orsay
2010	Invited Professor	Université de Paris-Sud, Orsay
2012	Invited Professor	Université de Paris-Sud, Orsay

Sabbaticals

1999–2000	Niels Bohr Institute and NORDITA	Copenhagen
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Fellowships

1981–1982	NATO Science Fellow
1981–1982	Fulbright-Hays Fellow
1982–1984	Predocctoral Fellowship from the Norwegian Council for Science and the Humanities (NAVF)
1986–1987	Joliot-Curie Fellow (CEA-Saclay, France)
1997–2000	Nordita Corresponding Fellow
2004–2005	Nordita Corresponding Fellow

Prizes and Honours

1991	<i>Varekrigsforsikringsfondets prisbelønning for yngre forskere</i> given by the Norwegian Academy of Science and Letters
2007	<i>Norsk Hydro's Birkeland Prize in Physics</i>
2009	<i>Doctor honoris causa</i> , Univ. Rennes 1, Rennes

Consulting

1989–1992	Conoco Inc.	Ponca City, OK
1994–2003	Sintef Petroleum Res.	Trondheim

Teaching

Undergraduate physics and mathematics two semesters at University of Oslo, four semesters at Cornell University, two semesters at the University of Rennes 1. Full teaching duties at NTNU. At present 13 doctoral students have graduated and 4 graduate students are doing their Ph. D. with me.

Publication Record

I have at present an H-index of 33 based on the ISI Web of Science.

Elected Memberships

- 2002 Elected member of the Norwegian Academy of Technical Sciences
- 2003 Elected member of Royal Norwegian Society of Science and Letters
- 2003 Elected member of the Norwegian Academy of Science and Letters

Elected Positions

- 1998-2005 Vice Chair of NTNU Physics Department
- 1998- Secretary, Computational Physics Group Board, European Physical Society (EPS)
- 2001-2009 Member of selection committee, CECAM Berni Alder Prize for Computational Physics
- 2002-2008 Member of the Statistical Physics Commission (C3) of IUPAP
- 2006-2008 Member of the IUPAP Working Group on Nanoscience (WG8)
- 2006- Member of the Scientific Advisory Board of the Center of Excellence *Computational Complex System Research*, Academy of Finland
- 2008-2011 Member of the Computational Physics Commission (C20) of IUPAP
- 2009- Member of Steering Committee, European Science Foundation Network *Exploring the Physics of Small Devices*
- 2010 Chair of Conference on Computational Physics *CCP2010*
- 2011-2014 Chair of Computational Physics Commission (C20) of IUPAP
- 2011-2014 Council Vice President of IUPAP

Editorial Board Membership

- 2006- European Journal of Physics
- 2010- International Journal of Modern Physics C
- 2010- Journal of Computational Interdisciplinary Sciences

Non-Academic Elected Offices

- 2006-2009 Member of the Board of the members organization of the *National Museum of Decorative Arts, Trondheim*
- 2009- Chair of the Board of the members organization of the *National Museum of Decorative Arts, Trondheim*
- 2009- Member of the Board of Trustees of the *National Museum of Decorative Arts, Trondheim*