

Curriculum Vitae for Jørgen Ellegaard Andersen

Personal

Born June 16 1965 in Odense, Denmark. Danish National.
USA Green Card holder. Children: Amanda (1995) and Simon (1997).

Academic degree

1992 University of Oxford D. Phil. in Mathematics
Advisors: N. Hitchin, J. Roe and S.K. Donaldson.

Appointments

1992 – 1994 C.B. Morrey Jr. Assistant Professor at University of California, Berkeley.
1992 – 1996 Assistant Professor at University of Aarhus.
1996 Visiting Scholar at University of California, Berkeley.
1996 General membership at Mathematical Sciences Research Institute (MSRI).
1996 – 1997 Research Associate Professor at University of Aarhus.
1997 – Tenured Associate Professor at University of Aarhus.
Fall 2000 Visiting Associate Professor at University of California, Berkeley.
Spring 2001 General membership at MSRI.
2001 – 2002 Visiting Clay Professor at University of California, Berkeley.
Funded by the CMI.
2007 – Professor at University of Aarhus.

Scholarships

1988 – 1992 Scholarship from The Danish Academy of Science.
1989 – 1992 Candidatus Scholarship from The Danish Research Council.
1992 – 1994 Fulbright scholar.
1996 – 1997 Scholarship from Danmark-Amerika fondet.
2000 – 2001 The Danish Bank scholarship price.

Research groups, Centers, Institute activity and Networks

1992 – Member of the topology research group in Aarhus, SNF/FNU funded.
1992 – 1996 Symplectic geometry and Quantum Topology NSF-grant
joint with Alan Weinstein (UCB), 1 Mill \$.
1995 Main organizer for a 1/2-year institute activity entitled *Special Session
on Geometry and Physics* at Aarhus University Department of Mathematics.
1998 – 2005 Principal investigator at MaPhySto research center in Aarhus.
2000 – 2004 Aarhus coordinator of the EU-Network
European Differential Geometry Endeavour.
2006 – 2008 Director of the "Center for the Topology and Quantization of Moduli spaces"
(CTQM). FNU-funded, 5 Mill kr.
2006 – 2011 Researcher in charge of the Danish National Research Foundation Visiting
Niels Bohr Professorship for Prof. Nicolai Reshetikhin (UCB), 20 Mill kr.
2008 – 2010 Director of "Geometry and Mathematical Physics School" (GEOMAPS),
funded by the Ministry of Science Technology and Innovation, 1,5 Mill kr.

Research Interest

Moduli Spaces, Quantum Geometry, Geometric Quantization, Toeplitz operators, Deformation quantization, Hitchin's Connection, Topological quantum field theory, Low dimensional Geometry and Topology, Geometric Langlands Program.

Recent invited talks (selection) Has given numerous invited lectures, mini courses, summer school lectures and colloquies at many universities in the US, Europe and Japan including: Berkeley, MSRI Berkeley, Stanford, UCLA, UC Davis, Vancouver, Harvard, MIT, Stony Brook, Newton Institute Cambridge, Oxford, Durham, Madrid, Salamanca, Paris VII, Paris Orsay, Luminy, Oberwolfach, Mittag-Leffler Institut Stockholm, Strasbourg, Kyoto, CUNY New York, Auckland, UCSB, TIT Tokyo, Georgia Tech, RIMS, Utrecht, Basel, Chalmers Göteborg.

Plenary speaker at international conferences Has been invited plenary speaker at 17 international conferences. Selection during recent years: *Low dimensional Topology and Quantum geometry* at Charlottesville 2005, *Quantum Geometry Pisa* 2005, *Quantum Geometry and Mathematical Physics, Conference in honor of Kenji Ueno Kyoto* 2006, *2006 ICM satellite in Madrid in Honour of Nigel Hitchin, Quantum Moduli Space Theory* Basel 2007, *Moduli Spaces and Mathematical Physics* Strasbourg 2007. Invited to: *Discrete Groups and Geometric Structures, with Applications III* Kortrijk 2008, *2008 ECM satellite, Quantum Geometry and Mathematical Physics* Brussels 2008, *2008 ECM satellite, The Geometric Langlands Program* in Amsterdam 2008.

Distinguish lecture series Indian University distinguish lecture series, Fall 2008.

Services

Served on Cand Sc.-Thesis committees, PhD-thesis committees and hiring committee for various post doc and associate Professor positions. Served on the graduate teaching committee and serves currently on the Research and Hiring committee of the mathematics department. Board member of Center for Theory in Natural Sciences. Refereed numerous papers for a broad spectrum of main international journals in Mathematics.

Editorships

- 2005 – Academic editor of Jour. of Knot Theory and its Ramifications.
- 2007 – Member of the Editorial board of *Geometriae Dedicata*.

PhD-Students

- 1996 - 2006 Educated 4 PhD-students of which one is now tenured Assoc. Professor at DTU, one is senior research at NANEA, one is in the education sector (High school) and one is in industry (Edlund A/S).
- 2005 - Currently supervising 4 PhD-students in Quantum Geometry of Moduli spaces.

Publications

Published papers: 30, Published Book Chapter: 1, Published Books: 1.