

Present position:

Faculty, Associate Professor (since 2005)
 Department of Geosciences and Natural Resources Management (IGN)
 University of Copenhagen, Denmark
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**Honors and Professional recognitions:**

Geological Society of America (elected Fellow, 2012)
 European Academy of Sciences "Academia Europaea" (elected Member, 2007)
 Royal Astronomical Society, London (elected Fellow, 2000)
 European Union of Geosciences, President of Geodynamics Division (Since 2013)
 European Science Foundation program EUROPROBE (ca. 1500 participants), Science Coordinator (1999-2001)

Education:

2007 Habilitation (dr. scient.), University of Copenhagen, Denmark
 1987 PhD in Geophysics (at age 26); Inst. Physics of the Earth, USSR Academy of Sciences, Moscow, USSR
 1984 BS & MS in Physics, Physics Department, M.V. Lomonosov Moscow State University, Moscow

Employment:

Since 2005 Associate Professor, IGG/IGN, University of Copenhagen, Denmark
 2003-2004 Senior Researcher, U.S. Geological Survey, Menlo Park, CA, USA;
 2002 Researcher, EOST, l'Universite Strasbourg, France;
 1999-2001 Associate Research Professor, Uppsala University, Sweden;
 1997-1999* Leading Research Scientist (Professor), Head of Research Group, Schmidt Inst. of Physics of the Earth (IPE), Russian Academy of Sciences, Moscow;
 1987-1997* Junior, then Senior Research Scientist, IPE, USSR Academy of Sciences, Moscow
 *Included full-time contracts with oil and diamond exploration companies due to the absence of academic funding after the collapse of the USSR. The contract conditions restricted disclosure of the results in open-access publications.

Professional long-term visits:

1995-2002 Visiting scientist, U.S. Geological Survey, Menlo Park, CA, USA (the total exceeds 3 years)

International peer activities/Professional distinctions:

2013 Deutsche Forschungsgemeinschaft (DFG), Germany, evaluator in Geophysics
 Since 2012 National Foundation for Science and Technology (FCT), Portugal, Geosciences Evaluation Panel member
 2012 The Knut and Alice Wallenberg Foundation, Sweden, external evaluator
 Since 2011 Russian Ministry of Science, Mega-grants, evaluator in Geophysics
 Since 2010 Natural Sciences and Engineering Research Council of Canada (NSERC), external evaluator
 Since 2008 NSF and EarthScope (USA), external evaluator in Geophysics and Continental Dynamics
 2006-2011 Swedish National Research Council (VR), Vice-chairperson (2007-2009), Panel member in Geosciences
 2005-2006 INTAS International Program Research Grant Assessment, evaluator in Geophysics
 2002-2003 National Basic Research Council, Ireland, Panel member in Earth Sciences

Assessment committees:

Since 2013 l'Institut Universitaire de France (IUF), France, Assessment committee member for Junior Professors
 2010 Canada Research Chairs Program, Assessment of Full and Associate Professor Chairs in Geophysics
 2009 Swedish National Research Council, Selection for Professor Position in Geophysics
 2008-2010 Chairperson, PhD defenses (IGG, University of Copenhagen, Denmark)
 Since 2007 Assessment committees member, Post Docs and PhD students, positions in geophysics and annual assessments (Denmark)
 1999-2005 Assessments of summer interns, U.S. Geological Survey, Menlo Park, CA, USA

Editorial activities:

Since 2010 Associate editor, *Solid Earth (EGU)*
 Since 2006 Associate editor, *Tectonophysics*
 1999-2009 Associate editor, *Journal of Geodynamics*
 Guest editor of 4 special issues of high ISI international scientific journals
 Reviewer for ca. 15 leading international peer-reviewed journals including *Nature Geosciences*.

Professional activities (organizational):

- 2013- Council member, European Geoscience Union
 2006-2008 Science program coordinator in Solid Earth Geophysics, 33 Intern. Geological Congress, Oslo.
 1999-2001 Organizer and Science program coordinator of ca. 20 ESF-ILP EUROPROBE workshops (each with 80-250 participants) and scientific steering meetings;
 2000 Organizer and Science program coordinator of ESF-ILP Intern. Symp. "Future of EUROPROBE"
 Since 1994 Organizer, Convener and co-convener of ca. 25 symposia at the leading international conferences

Invited lectures in the leading research centers and at international symposia:

- 2013 Geological Society of America, Denver, CO, USA
 2013 EPOS (European Plate Observing System) Science Case Meeting for Horizon-2020 "The Science Plan for European Solid Earth Sciences", Erice, Italy
 2011 Geological Society of America, G. Woollard Award symposium, Minneapolis, MN, USA
 2011 NSF-EarthScope, LAB Institute, Portland, OR, USA
 2011 ILP-Topo-Scandes symposium, Trondheim, Norway
 2010 ERI Intern. Symp. on Subduction Systems, Tokyo, Japan
 2009 Am. Geophys. Union, San Francisco, CA, USA
 2009 Intern. Lithosphere Program and Academia Europaea symp., Heidelberg, Germany
 2009 ESF Exploratory Workshop "Defining the LAB", Dublin, Ireland
 2009 European Geosciences Union, Vienna, Austria
 2009 Annual Conf. of German Geophys. Soc. (DGG), Kiel, Germany
 2008 International Geological Congress, Oslo, Norway
 2008 Intern. Lithosphere Program, TaskForce symposium, Ensenada, Mexico
 2007 European Geosciences Union, Vienna, Austria
 2007 ESF EuroCores TOPO-Europe Workshop, Rome, Italy
 2006 European Geosciences Union, Union Session, Vienna, Austria
 2006 ESF-ILP Int. Symposium on Mantle Plumes, Strasbourg, France
 2005 TOPO-Europe and EuroArray initiatives, Budapest, Hungary
 2005 Academia Europaea /TOPO-Europe Workshop, Heidelberg, Germany
 2004 Danish Academy of Science and Letters, Copenhagen, Denmark
 2002 ILP-URGENT Workshop, Germany
 2002 ESF EUROPROBE Summary Symposium, Stockholm, Sweden
 2000 Royal Astron. Society, Annual Meeting, London, U.K.
 2000 Geological Inst., Univ. of Copenhagen, Denmark
 1998 Int. Symposium "Mantle xenoliths, kimberlites, and carbonatites", Montreal, Canada
 1997 Nordic Symp. "Petrophysics and Reservoir Modeling", Goteborg, Sweden

Invited lectures in the leading universities and research centers:

- USA: Rice Univ., Houston, TX (2010, 2003), UC Berkeley, CA (2005),
 U. S. Geological Survey, Menlo Park, CA (2000, 2003);
 Canada: McGill Univ., Montreal, (2004); UQAM, Montreal, (2004);
 Germany: GFZ Potsdam, (2007), Kiel Univ. (2006, 2013); Mainz Univ. (1998),
 Sweden: Univ. of Goteborg (2004), Uppsala Univ. (2004), Lund Univ. (2004);
 Switzerland: ETH, Zurich (2002)
 Austria: Univ. of Vienna (2009)
 Russia: Lomonosov Moscow State Univ. (2013)

EXTERNAL FUNDING

- 2014-2016 PI, double-PhD grants, University of Copenhagen, Denmark (1.6 mln. dkk)
 2014-2017 PI, 4-year research grant, Danish Research Council, Denmark (~8.6 mln. dkk); success rate 11%, the only FNU-funded large grant in geosciences
 2011-2013 PI, 3-year research grant, Danish Research Council, Denmark (~6.2 mln. kr.); success rate ca. 10%
 2010-2011 PI, personal 2-year research grant, University of Copenhagen, Denmark (~1.9 mln. kr.);
 2007-2009 PI, personal 3-year research grant, Carlsbergfondet, Denmark (~1.7 mln. kr.);
 2005-2006 PI, personal 2-year research grant, Carlsbergfondet, Denmark (~1.1 mln. kr.);
 Since 1997 PI, several personal large-scale research grants from the world-leading companies in the diamond-exploration industry (Anglo-American Company, South Africa and De Beers Consolidated Mines, South Africa);
 1996-2005 Co-applicant/team member, several research grants from National Science Foundation, Dept. of Defense, Dept. of Energy (all – USA);
 1992-1996 Co-applicant/team member, several research grants from the world-leading companies in oil exploration industry (Shell and Schlumberger).