

CV – Anders Kristensen

Personal Data

Danish citizen, born 03.11.1960 in Årup Denmark
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Education

Jan. 91 M.Sc. in Physics (with Mathematics as Minor Subject) University of Copenhagen
Oct. 94 Ph.D. in Physics, University of Copenhagen
Jan. 03 UDTU University Didactics, Learning Lab, Technical University of Denmark

Employment

2008 – Professor of Miniaturized Sensor and Actuator Technology at Department of Micro- and Nanotechnology, Technical University of Denmark
2001 – 2008 Associate Professor at Department of Micro- and Nanotechnology, Technical University of Denmark
1998 – 2001 Research Associate Professor at the Niels Bohr Institute fAFG, University of Copenhagen, holding a STVF talentproject "En-dimensional elektronik".
1996 – 1998 Research Assistant Professor at the Niels Bohr Institute fAFG, University of Copenhagen.
1994 – 1996 Research Fellow at Physics Department, Royal Holloway and Bedford New College, University of London, UK.
1991- 1994 Kandidatstipendiat (University of Copenhagen Ph.D. Scholarships) at Physics Laboratory (later Niels Bohr Institute fAFG), University of Copenhagen
1990 – 1991 Researcher, Danish Fundamental Metrology (DFM)

Research

Co-author of more than 120 articles in international journals with peer review, three book chapters, two patents (both commercialized) and 130 papers at international conferences, published since 1990. ResearcherID: C-4746-2008 Previous research topic (1990-2001): Experimental mesoscopic physics. Research topics since joining DTU in 2001: Opto-fluidics, nano-fluidics, nano-imprint lithography.

Innovation

-Author on 7 patent applications filed through DTU.
-Industrial collaboration (Research programmes and/or joint PhD programmes) with: microresist technology GmbH, Saint Gobain, NIL Technology, Toolpartners, LEGO System A/S, Philips Research, Roche, Fiat Research Center.

Research Leadership

Group-leader since 2001, Supervised 16 Ph.D. students and 30 M.Sc. Students.
Member of Ph.D. Committee for Electronics, Communication and Space Technology, DTU 2009-
Principal Investigator on 12 national and European research programmes
Elected Member of board of the Danish Physical Society (DFS) www.dfs.nbi.dk (2006-2010)
Program Chair, MNE 2007 conference, Copenhagen, 2007
Conference Co-Chair, NNT2010 conference, Copenhagen, 2010
Member of board and subproject leader in EC funded Integrated Project NaPANIL (2008-2012)
Coordinator on research programme LiCorT funded by DSF (2008-2012)
Coordinator on Strategic Research Center POLYNANO, funded by DSF 2011-2016
Coordinator on EC FP7 HEALTH IP CellOMatic (Grant agreement no. 278204) 2012-2015
Coordinator on EC FP7 NMP IP PLAST4FUTURE (Grant agreement no. 314345) 2013-2016