Curriculum Vitae of
Associate Professor Jon Sporring

Personal data
Date of Birth: 8 September 1969

Short CV
Jon Sporring received his Master and Ph.D. degree from the Department of Computer Science, University of Copenhagen, Denmark in 1995 and 1998, respectively. Part of his Ph.D. program was carried out at IBM Research Center, Almaden, California, USA. Following his Ph.D., he worked as a visiting researcher at the Computer Vision and Robotics Lab at Foundation for Research & Technology - Hellas, Greece, and as assistant research professor at 3D-Lab, School of Dentistry, University of Copenhagen. Since 2003 he has been employed as associate professor at the Department of Computer Science, University of Copenhagen. From 2008-2009 he was part-time Senior Researcher at Nordic Bioscience a/s. In the period 2012-13 he is a visiting professor at School of Computer Science, McGill University, Montreal, Canada. Jon Sporring also co-founded DigiCorpus Aps in 2012 and served as Chief research officer of the company from 2012-16 developing computer vision-based systems for automatic feedback for physiotherapeutic rehabilitation. In 2007-2012 and again since 2015 he is Vice-Chair for Research at Department of Computer Science, University of Copenhagen.

Jon Sporring has 91 peer reviewed articles, h-index of 18, successfully supervised 9 PhD-students, and is presently the sole supervisor of 3.

Scientific focus areas: mathematical methods for image processing such as scale-space, histograms, medical image registration, statistical models for subcellular structures

Education

Academic degree	University	Year
PhD in Computer Science	University of Copenhagen	1999
Master in Computer Science	University of Copenhagen	1995
Bachelor in Computer Science and Chemistry	University of Copenhagen	1992

Selected offices, 2010- 2017
Other Committees/Working Groups

Other Committees/Working Groups	Title	From	To
Danish bioimaging Network	Board member and co-founder	2017	present
Faculty of Sciences, University of Copenhagen's Research Council.	Member	2015	present
InfinIT innovation network	Board of national network	2015	present
National bibliometric committee	Workgroup 38, computer science	2014	present
Association for Automatic Recognition of Patterns (DSAGM)	Treasurer	2007	present

Faculty of Sciences, University of Copenhagen's Research Council.	Member	2007	2012
Faculty o Sciences f, University of Copenhagen's Studyboard on Continuing Education (Efter- og videreuddannelse)	Member	2007	2012
National bibliometric committee	Workgroup 38, computer science	2007	2012
Ministry's national reference group for EU's fp7 program	ITC panel	2007	2012

Academic awards and honours

Award/honour	Year
Frontpage of Cytometry vol 87 number 9	2015
Best paper IPMI 2012	2012
Teacher of the year	2011
1 out of 3 nomination to best papers SCAI 1995	1995

Selected research grants

Principal Investigator (PI)/Partner	Funding Source & Amount of Money	Project title	From	To
Rasmus Larsen, DTU	regionH (to be decided)	The center for quantification of imaging data from MAX IV (QIM)	2017	2027
Tim Dyrby, Hvidovre Hospital & DTU	regionH (my part is 1 PhD)	MAX4medimagers	2017	2020
Eva Bjørn Vedel Rasmussen, Aarhus University	Villum (my part is 1 PhD student)	Center for Stochastic Geometry and Advanced Bioimaging (CSGB II)	2015	2020
Jon Sporring, UCPH	McGill University (24 KEuro travel grant)	Visiting professor travel grant	2012	2013
Eva Bjørn Vedel Rasmussen, Aarhus University	Villum (my part was 1 PhD student)	Center for Stochastic Geometry and Advanced Bioimaging	2010	2015
Mads Nielsen, ITU	EU, FETOpen (my part was 1 PhD student)	DSSCV: Deep Structure, Singularities, and Computer Vision.	2002	2007

Selected list of publications

- Collocation for diffeomorphic deformations in medical image registration, Darkner, S., Pai, A. S. U., Liptrot, M. G. & Sporring, J.; 2018; In : I E E E Transactions on Pattern Analysis and Machine Intelligence; 14 p.
- Estimation of sample spacing in stochastic processes; Rønn-Nielsen, A., Sporring, J. & Jensen, E. B. V.; 2017; In : Image Analysis and Stereology; 36; 1; p. 43-49
- Maurer-cartan forms for fields on surfaces: application to heart fiber geometry; Piuze, E., Sporring, J. & Siddiqi, K.; 2015; In : IEEE Transactions on Pattern Analysis and Machine Intelligence; 37; 12; p. 2492-2504
- Photon differential splatting for rendering caustics; Frisvad, J. R., Schjøth, L., Erleben, K. & Sporring, J.; 2014; In : Computer Graphics Forum; 33; 6; p. 252-263
- Locally orderless registration; Darkner, S. & Sporring, J.; 2013; In : I E E E Transactions on Pattern Analysis and Machine Intelligence; 35; 6; p. 1437-1450
- Mass preserving image registration for lung CT; Gorbunova, Vladlena; Sporring, Jon; Lo, Pechin Chien Pau; Loeve, Martine; Tiddens, Harm A; Nielsen, Mads; Dirksen, Asger; de Bruijne, Marleen; 2012; In: Medical Image Analysis; 16; 4 p. 786-795.
- Physics-based Animation; Erleben, K., Sporring, J., Henriksen, K. & Dohlmann, H.; 2005; Hingham, Mass.: Charles River Media; 817 p.
- Virtual Trackballs Revisited; Henriksen, Knud; Sporring, Jon; Hornbæk, Kasper; In: IEEE Transactions on Visualization and Computer Graphics; 2004; 10; 2; p. 206-216.
- Information measures in scale-spaces; Sporring, J. & Weickert, J.; 1999; In : IEEE Transactions on Information Theory; 45; 3; p. 1051-1058
- Gaussian Scale-Space Theory; Sporring, Jon; Nielsen, Mads; Florack, Luc M.; Johansen, Peter; Dordrecht : Kluwer Academic Publishers; 1997;