



Michael E. Caspersen

22 November 1960

Curriculum Vitae



Michael E. Caspersen is Director of Centre for Science Education at the Faculty of Science since 2009 when the centre was established and Associate Professor in Programming and Programming Didactics at the Department of Computer Science at Aarhus University, Denmark.

He holds a PhD in computer science from Aarhus University. His research interests are in the areas of computing education, programming didactics, programming methodology, and object-oriented programming. He has published more than 40 papers on computer science education and is co-author of a two-volume textbook on programming and co-editor of "Reflections on the Teaching of Programming" published by Springer-Verlag, 2008—a novel and innovative collection of contributions that address perspectives, research, and experience on programming education.

He organized and was general chair of the ACM conference Innovation and Technology in Computer Science Education held in Aarhus in 2002. He is member of the leader triumvirate for the ACM conference on International Computing Education Research—the top research conference in the field—and he was conference and program chair for this conference held in Aarhus in 2011.

Michael has been on the program committee of more than 30 international computing education conferences and is member of the editorial board of the international research journal Computer Science Education. Furthermore, he has organised and conducted more than ten international workshops on various aspects of computing education.

He is member of the ACM Education Council since 2006, a founding member of the Scandinavian Pedagogy of Programming Network (SPoP) established in fall 2004, and member of the Board of the IEEE Nordic Education Society Chapter since 2008.

Michael has previously held the position as director of IT University West at Aarhus University (2002-2008) and director of graduate engineering studies at the Faculty of Science at Aarhus University (2008-2009).

Michael has substantial experience in computer science teaching, educational development, and study management. Furthermore, he has experience in teaching computing didactics and general university pedagogy.



Personal information

Born 22 November 1960, Svendborg, Denmark. Danish citizen. Civil status: married to Susanne (1984); two children: Christina (1985) and Christopher (1989).

Languages: fluent in Danish and English, working knowledge of German.

Contact information

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Career

- 2009- Director, Centre for Science Education, Faculty of Science, Aarhus University
- 2008- Associate professor, Department of Computer Science, Aarhus University
- 2008-2009 Director of Aarhus Graduate School of Engineering (AGSE) and Head of Graduate Engineering Studies, Faculty of Science, Aarhus University
- 2002-2008 Director of IT University West, Aarhus University
- 2001-2007 Chairman for the Committee of the graduate engineering degree in Technical IT, Department of Computer Science, Aarhus University
- 2000-2002 Research Manager, B&O-lab, Centre for Pervasive Computing, Department of Computer Science, Aarhus University
- 1999-2002 Coordinator of IT University West, Department of Computer Science, Faculty of Science, Aarhus University
- 1998-2000 Academic Researcher, Centre for Object Technology (COT), Department of Computer Science, Aarhus University
- 1997-1998 Project Manager for Centre for Professional Development and Further Education of College Computing Teachers in Denmark (Efteruddannelsescenteret, EUC)
- 1995-1996 Professional secretary for the evaluation of computer science degrees in Denmark
- 1986-1998 Lecturer, School of Informatics, Aarhus Business College

Education

- 2007 PhD, Computer Science, Aarhus University
Dissertation: *Educating Novices in the Skills of Programming*
Principal advisor: Ole Lehrmann Madsen, Aarhus University
Co-advisor: David Gries, Cornell University
- 1987 M.Sc. in Computer Science, Aarhus University
Dissertation: *Distributed Computations: Model and Method*
Advisor: Erik Meineche Schmidt
- 1984 B.Sc. in Computer Science and Mathematics, Aarhus University
- 2004 Course for Department Chairs, University of Southern Denmark
- 1990 Pedagogical Diploma for College Teachers



Professional activities

- Member of ACM and IEEE
- 2006-2009 Member of the ACM Education Council
- 2008- Member of the Board of the IEEE Nordic Education Society Chapter
- 2008- Member of the Committee for Computing in High School conducted by the Danish Ministry of Education (fagligt forum for it-fag i gymnasiet)
- 2006- Member of the Editorial Board of the journal Computer Science Education
- 2004- Originator and founding member of the Scandinavian Pedagogy of Programming Network (SPoP)
- 1997- Originator and project manager for Centre for Professional Development and Further Education of College Computing Teachers in Denmark (Efteruddannelsescenteret)
- 1995-1999 Originator and Chairman of the Teacher's Association for CS Teachers in Denmark (Datamatikerlærerforeningen)

- 2012 Program co-chair for the Annual ACM SIGCSE Conference on Innovation and Technology in Computer Science Education, Haifa, Israel
- 2011 Program co-chair for the Annual International Computing Education Research workshop (ICER), Providence, USA
- 2010 Conference chair and program co-chair for the Annual International Computing Education Research workshop (ICER), Aarhus, Denmark
- 2009 Program co-chair for the Annual International Computing Education Research workshop (ICER), Berkeley, USA
- 2008 Program co-chair for the Annual International Computing Education Research workshop (ICER), Sydney, Australia
- 2008-2011 Member of the leader triumvirate for the Annual International Computing Education Research workshop (ICER)
- 2002 Conference co-chair for the Annual ACM SIGCSE Conference on Innovation and Technology in Computer Science Education, Aarhus, Denmark

- 2002-2011 Member of the program committee for the International Conference on Computing Education Research, Koli Calling
- 2011, Member of the program committee for the Annual ACM SIGCSE Conference on Innovation and Technology in Computer Science Education
- 2000-2002 Member of the program committee for the Computer Science Education Research Conference (CSERC '11), Heerlen, The Netherlands
- 2011 Co-organizer of the Pedagogical Progressions for Teaching Object-Oriented Design Workshop at ACM SIGCSE
- 2007-2009 Member of the program committee for the Annual Informatics Education Europe conference
- 2005-2009 Co-organizer of the "Killer Examples" for Design Patterns and Objects First Workshop at ACM OOPSLA
- 2006 Member of the program committee for Joint Modular Language Conference (JMLC)

- 2009- Reviewer for the ACM Transactions on Computing Education (TOCE)
- 2008- Reviewer for ACM Journal of Educational Resources in Computing



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- 1996- Reviewer for the Annual ACM SIGCSE Conference on Innovation and technology in Computer Science Education
- 1994- Reviewer for the Annual ACM SIGCSE Technical Symposium on Computer Science Education

Industrial courses and part-time consulting

- 1988- Numerous industrial courses and consulting activities at 20 Danish IT companies: Landbrugets Rådgivningscenter; Provinsbanken; Modulex; Den Danske Bank; Tele Danmark/TDC (Aarhus and Copenhagen); LEC (Landbrugets EDB-Center); Datrix ICL; Tandem Computers; Crisplant; CCI-Europe; Bang & Olufsen; Danfoss; Systematic Software Engineering; OMT-Consult; Ericsson DiAx; Mjølner Informatik; Stibo Directory Systems; Personics; Kommunedata (Aarhus and Copenhagen), Cryptomatic..