

CV Bjarne Toft 2018

Born 30.04.1945 in Thisted, Denmark.

Married 1975 to Bente Østergaard Toft (high school teacher in social science and German).

Children: Tomas 1977 (Ph.d. in computer science, postdoc at Aarhus University and now in The Danish Bank) and Peter 1985 (MA in English and Media Science – stay in San Diego as part of his final masters project in winter 2013, now high school teacher in Ringe, Denmark).

Associate professor at Odense University (now the University of Southern Denmark SDU) since 1974. Emeritus from September 2015:

EDUCATION

High school diploma 1963.

M.Sc. in mathematics and physics, Aarhus University 1968 (thesis in graph theory with G.A. Dirac as supervisor).

Stipend from Aarhus University 1968-1970. Research stays at the University of Wales (1968), the Hungarian Academy of Science (1969) and at Birkbeck College, University of London (1969 and 1970).

Ph.D. University of London 1970 (supervisors H. Dowker and G.A. Dirac, external examiner C.A.B. Smith).

Assistant professor, Aarhus University 1970-1973.

Postdoc, University of Waterloo, Canada, 1973.

RESEARCH

Guest professor, University of Regina, Canada, 1985 (6 months) and 1993-1994 (12 months).

Guest professor, Vanderbilt University, USA, 1986 (6 months) and 2001 (6 months).

Guest researcher, London School of Economics, England, 2011 (4 months).

Visiting scholar, Human Sciences and Technology Advanced Research Institute, Stanford University, USA, 2013 (3 months).

Author of around 65 papers (Studia Sci. Math. Hungar., J.Reine und Angew. Math., Monatshefte für Mathematik, Mathematische Annalen, Journal Comb. Theory B, Combinatorica, Discrete Math., Journal of Graph Theory, Ars Combinatoria). Co-author with Jensen of the book Graph Coloring Problems (Wiley 1995). Co-author with Stiebitz, Scheide, Favrholt of the book Graph Edge Coloring (Wiley 2012). Editor or co-editor of conference proceedings. Conference lectures (Canada, England, France, Russia, Czech Republic, Germany, Hungary, USA, Japan, Spain, Finland, China, Slovakia, Malta). Conference lectures in 2008-2017: AMS and MAA Joint Meeting, San Diego, January 2008; Cumberland Meeting, Nashville, May 2008; RIMS Winter School on Graphs and Algorithms, Kyoto, December 2008; Pretty Structures, Paris, April 2009, Algebraic Graph Theory, Dubrovnik, June 2009, Bordeaux Graph Workshop, Nov. 2011, Cycles in Graphs, Nashville, May 2012. In the summer of 2013 three invited talks at conferences (Budapest, Kosice, Tokyo). ESU7 Copenhagen July 2014, One day meeting in Paris for Adrian Bondy, November 2014, Talks and session organizer at DMV 2015 in Hamburg and at the Mittag-Leffler Institute in Stockholm (27. Nordic Congress, March 2016), Scandinavian Combinatorial Congress in Levi, Finland, June 2016, Cycles and Colourings, Slovakia September 2016, International Conference at Zhejiang Normal University, China, October 2016, Boardgame Conference in Copenhagen, May 2017, Second Malta Conference in Graph Theory and Combinatorics, June 2017, AMS meeting at Vanderbilt University, April 2018.

Member of evaluation committees (Denmark, Sweden, Germany, Canada). Organizer/co-organizer of international meetings in Denmark, in particular Graph Theory in Memory of G.A. Dirac (Sandbjerg 1985), The Julius Petersen Conference (Hindsgavl 1990), Graph Theory Days at Dalum (1999), Graph Theory at Nyborg Strand (2000), Graph Theory 2002, Graph Theory 2003, Graph Theory 2005, Graph Theory 2008 at Sandbjerg Manor in honour of Carsten Thomassen, Graph Theory 2009, Graph Theory Workshop Denmark Germany Japan, Sept. 2009, Graph Theory 2011, Graph Theory 2012 and Graphtheory 2015.

Member of the editorial board of Journal of Graph Theory.

ADMINISTRATION, TEACHING, POPULARIZATION

Member of a variety of administrative bodies, among them the mathematics library committee, chairman of the committee for the joint degree in mathematics and economy at SDU (1985-2015) and the governing board of the Danish Mathematical Society (since 2008).

President of the Danish Mathematical Society (2013-2016).

Teacher of a variety of university mathematics courses, ranging from first year calculus to specialized courses, thesis advisor for more than 40 M.Sc.-students and for 3 Ph.D. students.

Popular lectures in a variety of connections, from a Royal Library lecture at the Golden Days in Copenhagen Festival (on natural science and the “modern breakthrough” in Denmark) to a lecture for long term inmates at Nyborg State Prison (on lotto). Typical topics: the history of mathematics, optimization, mathematics and games, mathematics and economy, nonsense (Alice in Wonderland, etc.). Organizer of a yearly Gathering4Gardner 2014-2017. Co-author of PIET HEIN VERDENSDANSKEREN (Gyldendal 2015). Curator of a collection of vintage computers at SDU.