CURRICULUM VITAE
Updated: Nov 2014.

STEFAN ARNBORG

Born February 25, 1945, in Stockholm, Sweden.
Citizenship: Swedish
Home Page: http://www.nada.kth.se/~stefan/

Education
    -- The Royal Institute of Technology, Stockholm, Sweden,
            Civilingenjor (MScE in Engineering Physics) 1967
            Teknisk Doktor (PhD. in Information Processing) May 23, 1972.
                (Thesis supervisor: G Dahlquist;
                    Thesis title: Programming language implementation
            Docent (Habilitation in Computer Science) 1975.

Employment
    1965-10-01- -68-08-01
    Teaching assistant at the Royal Institute of Technology.

    1968-09-01- -72-11-30
    Consulting for IBM, KTH, Norwegian Computing Centre, FOA, CAP Sweden.

    1972-12-01- -1979-11-30
    Researcher at the Swedish National Defense Research Institute.

    1977-11-01- -1982-06-30
    Adjunct professor at the department of Numerical Analysis and
    Computer Science(Nada), the Royal Institute of Technology (20% part time).

    1979-12-01- -1982-06-30
    Systems specialist at Philips Data Systems.

    1982-07-01- -2012-02-29
    Professor of Computer Science at the Royal Institute of
    Technology.

    Scientific Advisor, Swedish Institute of Computer Science, 1986-1994
    and 1998--2002.

    2012-03-01 -- present
    Professor emeritus, the Royal Institute of Technology.

Current employment:
    Professor emeritus, unsalaried.

 Research Interests: Theoretical Computer Science,
    Data Engineering and Reasoning with uncertainty,
    Human Brain Informatics, Command and Control, Gaming
     as uncertainty management tool.
    Research and education history and sociology, Aestethics,
    Evolutionary linguistics,
     temporal/spatial models of language family evolution

 Publications 1972-2012: Can be found through Google Scholar.

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Teaching: 1968 - - 2011: Courses in most CS theory areas, like
    Courses in Algorithms, Computability, Discrete Mathematics,
    Data Base methods and theory, Computer Algebra, Gröbner bases,
    program verification, Learning theory, AI and Data mining,
    applied statistics, research theory, method and practice,
    individual, Bachelor's and Master's projects.

Director of MScE program in
    Computer Engineering, 1988-92 and 1994- -2011,
    Electrical Engineering 1997/8.

Supervised students, research level:
    Supervised 20 PhD theses 1982-2012.

Supervised/advised students, advanced level:
    ca 300 Master's Thesis projects advised
            in Computer Science during 1982-2012.
    ca 100 Individual advanced level student projects, 6-15 ECTS

SCHOLARLY APPOINTMENTS
Reviewing:
    Occasional Reviewer for most major CS journals and conferences
    Programme Committe, FUSION 2004-2008, SWAT 1998.

Thesis defences:
    Opponent/committee member in ca 80 PhD thesis defences 1975-2012.
Expert in Evaluations (non-confidential work)
    Appointments of professors to Scandinavian universities (ca 20)
    Science Research Council (NFR), panel for Mathematics, 1992, 1996-1997.
    Engineering science research Council (TFR),
        panel for Information Technology 1992-1995.
    EVA Denmark: Educations in Computer Science, 1997.
    Research program (IT) of the Danish Research Agency(2001).
    Research program MaDaMe of the Academy of Finland(2003).
    Evaluation of  Helsinki University, Depts of Mathematics, Computer
        Science and the Rolf Nevanlinna Institute (1999, 2005).
    Aalborg University, CS Department, 2006.
    Science Foundation Ireland, Research Frontiers Program: 2007, 2008.
    Aalto University: Research Assessment Exercise, 2009.
    Swedish Research Council,
                Computer Science panel, Chairman, 2008-2010
                Information Technology, Chairman, 2014.
    ACE Denmark, accreditation of programs (elementary and advanced level)
                in computer science and information sciences, 2012.
    Estonian Research Council: Targeted evaluation of ICT research in Estonia,
                2014
Other:
    Foreign Member, Finnish Academy of Science and Letters, 2013
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