

Curriculum vitae – Bjarne Anton Foss



Name	Bjarne Anton Foss
Date/place of birth	July 31, 1957 in Tønsberg, Norway
Nationality	Norwegian
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Education

1980 Diploma engineer (siv.ing.) in Electrical engineering, The Norwegian Institute of Technology. (The result was communicated to the Norwegian King).
1987 Dr.ing. in Engineering Cybernetics, The Norwegian Institute of Technology.

Other courses

1989 International executive seminar – IMD, Lausanne

Current position

1989 - *Full professor at The Norwegian University of Science and Technology - NTNU*
2007 - Area manager at the IO center at NTNU

Other current duties

2002 - 2005 and 2009 - Board member - NTNU
2000 - Board member - Cybernetica AS
2013 - Board member – Solution Seeker AS

Former work experience and duties

1982-85 Research Scientist at SINTEF
1985-87 Graduate student (doctorate degree)
1988-90 Head of System Control Group at SINTEF

1999-2001 Department head at NTNU
2003-2007 Director of Gas Technology Center NTNU-SINTEF

1995-1996 Visiting professor at The University of Texas at Austin, USA
1997 - 2005 Scientific advisor for Elkem ASA
1999 - 2000 Scientific advisor for ABB AS
1990 - 2012 Scientific advisor for SINTEF
2004 - 2006 Scientific advisor for Elkem Solar AS
2001 - 2002 Board member of SINTEF Electronics and Cybernetics
2000 - 2002 Board member - FIRST Scandinavia
1999 - 2011 Board member – Cyberlab.Org AS

Innovation

1999 Co-founder - Cyberlab.Org AS
2000 Co-founder – Cybernetica AS
2000 Co-founder FIRST Scandinavia
2013 Co-founder – Solution Seeker AS

Publications

200 refereed journal papers, conference publications and book-chapters

H-factor 29, 3500 citations (<http://scholar.google.no/citations?user=-d7XYwsAAAAJ&hl=en&oi=ao>)

2 patents

Co-author of one book. Guest editor Journal of Process Control, Int.J.Control and MIC.

A substantial number of restricted technical reports and international keynotes and invited lectures.

Research projects

Main supervisor for 25 completed PhD degrees.

Project leader for several national industry development projects.

Project leader in three international development projects (for ESA¹ and EU).

Professional activities

1990- Review of a substantial number of scientific papers

1993- Member The Norwegian Academy of Technical Sciences (NTVA)

1994- Chair, co-chair and member of several IPCs (International Program Committees)

1996- Member IFAC² Technical Committee on Chemical Process Control

1996- Associate editor - Journal of Process Control

1996-2004 Member editorial board - Mathematical Modelling

1997- Senior Member IEEE³

2007- Member SPE

2008- Member of the The Royal Norwegian Society of Sciences and Letters (founded 1760)

Awards

1980 "Innstilling" awarded for the siv.ing. degree - communicated to the Norwegian King.

1995 The Karl Diesel Best Paper Award from the Society of Design & Process Science, Austin, Texas.

2007 Award for pedagogical innovation "Pedagogisk nybrottsarbeid" by Tekna -The Norwegian Society of Chartered Technical and Scientific Professionals

2010 2010 IBM Open Collaborative Faculty Award

2011 2011 IBM Open Collaborative Faculty Award

¹ ESA – European Space Agency

² IFAC – International Federation of Automatic Control

³ IEEE – Institute of Electrical and Electronics Engineers