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## CURRICULUM VITAE

**Professor Bjarne Foss, PhD**

**Pro-rector / Vice President Research**

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Name:	Bjarne Anton Foss
Nationality:	Norwegian
Born:	1957-07-31
Present position:	Vice President Research (Pro-rector) and Professor at NTNU
Web-page:	<a href="http://www.ntnu.edu/employees/bjarne.foss">http://www.ntnu.edu/employees/bjarne.foss</a>

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### Education

1980	MSc Engineering Cybernetics, NTH
1987	PhD Engineering Cybernetics, NTNU

### Positions

1982 - 1985	Research Scientist at SINTEF
1985 - 1987	Graduate student (doctorate degree)
1988 - 1990	Manager of System Control Group at SINTEF
1989 -	Professor, Department of Engineering Cybernetics at NTNU
1999 - 2001	Department head at NTNU
2017 -	Vice President Research (Pro-rector) at NTNU

### Executive board positions

2000 - 2015	Board member of Cybernetica AS (spin-off company within process control)
2000 - 2002	Board member of First Scandinavia (foundation for youth interest in STEM)
2002 - 2005; 2009 - 2017	Board member of NTNU
2013 -	Board member of Solution Seeker AS (spin-off company within AI)
2017 -	Board member of Universities Norway (Universitets og høyskolerådet)
2018 -	Chair of Kavli Institute for Systems Neuroscience at NTNU

### Publications

Publications	300 in peer-reviewed journals and conferences
H-index	39 (Google Scholar)
Citations	~7000

### Research stays and invited talks

1995 - 1996	Visiting professor at The University of Texas at Austin, USA
2015	Visiting professor at Federal University of Santa Catarina, Brazil
	Numerous invited talks at conferences, universities, companies and courses

### Major grants

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2007-2015 300 mill NOK - Program manager Centre for Integrated Operations in the Petroleum industry (IO centre) – CRI ([www.iocenter.no](http://www.iocenter.no))

### **Scientific leadership**

1999 - 2001 Project coordinator for EU framework project ReLAX - IST-1999-20827  
2005 - 2008 Project coordinator for EU Leonardo da Vinci project AutoTech  
2003 - 2007 Director of Gas Technology Center NTNU-SINTEF  
2007 - 2015 Program Manager, Centre for Integrated Operations in the Petroleum industry (IO centre) – CRI

### **Innovation**

2000 - 2015 Co-founder - Cybernetica AS ([www.cybernetica.no](http://www.cybernetica.no))  
2000 - 2002 Co-founder - FIRST Scandinavia  
2013 - Co-founder - Solution Seeker AS ([www.solutionseeker.no](http://www.solutionseeker.no))

### **Patents**

2 patents awarded (PCT/EP2012/072897, PCT/EP2014/057881)

### **Awards**

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, 2011 IBM Open Collaborative Faculty Award (awarded 2 yrs in a row)

### **Supervision**

31 completed PhD theses as main supervisor  
150 completed master theses as main supervisor  
Currently I am co-supervising 2 PhD students

### **Main honorary and scientific appointments**

1993 - Member of The Norwegian Academy of Technical Sciences (NTVA)  
1995 - Senior member of IEEE  
1996 - Member IFAC Technical Committee on Chemical Process Control  
1996 - 2010 Associate Editor of Journal of Process Control (IFAC)  
2007 IPC Chair of DYCOPS 8th IFAC International Symposium on Dynamics and Control of Process Systems  
2008 - Member of The Royal Norwegian Society of Sciences and Letters  
IPC Co-chair of numerous conferences