

## SHORT CURRICULUM VITAE FLEMMING BESENBACHER

<b>Name</b>	D.Sc. Academician Flemming Besenbacher	
<b>Date of Birth</b>	4 October 1952	
<b>Position</b>	Chairman of the Board The Carlsberg Foundation	Professor of Nanoscience and Physics Interdisciplinary Nanoscience Center (iNANO)
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### Board experience

2008 - 2015	Member of the Board of the MedTech Innovative Center, Aarhus, Denmark
2010	The Board Academy, a research based further and continuing education programme for board members and executive managers, at the Faculty of Law, University of Copenhagen
2010	Member of the Board of NanoFERENCE
2011 -	Chairman of the Board of Trustees of The Carlsberg Laboratory
	Member of the Board of Trustees of The Carlsberg Laboratory (2005-2011)
2012 -	Chairman of the Supervisory Board of Carlsberg A/S
	Member of the Supervisory Board of Carlsberg A/S (2005-2012 )
2012 -	Chairman of the Board of Directors of The Carlsberg Foundation
	Member of the Board of Directors of The Carlsberg Foundation (2005-2012 )
2015 - 2019	Chairman of the Tuborg Foundation
	Member of the Board of The Tuborg Foundation (2005-2012 )
2012 -	Deputy Chairman of the Board of Directors of The Museum of National History at Frederiksborg Castle
2012 -	Member of the Executive Council of The Mary Foundation – HRH Crown Princess Mary's Foundation
2013 - 2018	Member of the leadership development organization Center for Leadership (CfL)
2014 - 2015	Member of the Board of Unisense Environment A/S
2015 -	Member of the Board of Unisense A/S
2014 -	Member of the Advisory Board of Young Pioneers
2014 - 2015	Member of the Advisory Board of Videnskab.dk
2014 -	Member of the Advisory Board of Center for Corporate Governance, CBS
2014 -	Deputy Chairman of the Board of Innovation Fund Denmark
2016 -	Chairman of the Board of UNLEASH
2015 - 2017	Chairman of Spotter A/S
2016 - 2017	Chairman of the Danish Government Advisory Board for Circular Economy
2016	Member of The Danish Government's Digital Growth Panel
2017 -	Member of the Vice Chancellor's Advisory Board, University of Surrey
2017 -	Member of the Advisory Board for SDG accelerator (UNDP),
2017 -	Member of the Advisory Board for The International Student City of Copenhagen (ISCC)

2017 - Member of the Advisory Board of the association "Stop Food Waste"  
 2017 - 2018 Member of the Danish Ministry of Taxation's Advisory Panel for succession planning in industrial foundations  
 2018 - Advisor for Plastic Change  
 2018 - Member of SDG High Level Advisory Board  
 2018 - Member of the Kenjin-Tatsujin International Advisory Council, Ashinaga,  
 2018 - Chairman of the Board of Aarhus Vand  
 2018 - Chairman of Copenhagen Capacity's diaspora task force  
 2019 - Member of the board of representatives of NRGi Elsalg A/S  
 2019 - Chairman of the Danish Government's Think Tank on Prevention of Food Waste and Food Losses

### **Other**

2012 High Performance Boards Program at IMD, Lausanne  
 2016 Leading from the Chair Program at INSEAD

### **Distinctions**

2007 - 2013 Received the title of Knight of the Order of Dannebrog from Her Majesty Queen Margrethe II of Denmark  
 2013 - 2018 Received the title of Knight 1st Class of the Order of Dannebrog from Her Majesty Queen Margrethe II of Denmark  
 2018 Received the title of Commander of the Order of Dannebrog from Her Majesty Queen Margrethe II of Denmark

### **Academic experience**

1982 & 1983 Visiting scientist, Sandia National Laboratories, Albuquerque  
 1982 Associate Professor, Dept. of Physics, University of Aarhus  
 1996 Full Professor, Faculty of Science and Technology, Interdisciplinary Nanoscience Center (iNANO) and Dept. of Physics and Astronomy, University of Aarhus  
 1997 Summer Guest Professor, Lawrence Berkeley National Laboratory, University of California, Berkeley, USA  
 2007 Honorary Professor, 1) Henan University, China, and 2) Tianjin University, China  
 2008 Honorary Professor, 1) Huazhong Normal University, China, 2) Jilin University, China, and 3) Zhejiang University of Technology, China  
 2009 Honorary Professor, 1) Institute of Chemistry, Chinese Academy of Sciences, China, 2) Shanghai University, China, and 3) Central South University, China  
 2010 Honorary Professor, 1) Tongji University, China, and 2) Chongqing University, China  
 2011 Honorary Professor, 1) Harbin Institute of Technology, and 2) Institute of Advanced Materials, Jiangsu University, China  
 2014 Molecular Science Forum Lecture Professorship, Center for Molecular Science, Chinese Chemical Society  
 2017 Honorary Professorship of Wuhan University of Technology, China  
 2017 Advisory Professor of Shanghai Jiao Tong University, China  
 2018 Honorary Professor, University of Electronic Science and Technology of China (UESTC), Chengdu, China  
 2018 Honorary Professor, Shandong University, Jinan, China  
 2018 Honorary Professor, Shanghai Jiao Tong University, China

### **Academic Leadership**

2002 - 2012 Director of the Interdisciplinary Nanoscience Center (iNANO) at the University of Aarhus ([www.inano.dk](http://www.inano.dk))  
 2002 - 2012 Director of the iNANO graduate school (iNANOSchool), University of Aarhus

	(www.inanoschool.dk)
2005 - 2011	Director of the NANOFOOD consortium
2009	Director of the Sino-Danish Center of Excellence “Center for Molecular Nanostructures on Surfaces (CMNS)”
2011	Chairman of the international “advisory board” of the new center, Harbin-Aarhus International Center of Surfaces and Interfaces
2011	Overseas director and Professor Honoris Causa, Tongji-Aarhus Joint Center for Nanostructures and Functional Nanomaterials
2012	Member of the Danish Council for Research Policy (2012-2014)

### **Research awards**

1993	Co-recipient of a research award for a center of excellence: Center for Atomic-scale Materials Physics (CAMP) by the Danish National Research Foundation (1993-2003)
1995	Recipient of the Danish Physical Society’s Research Prize, the NKT prize, for research achievements in surface science using scanning tunnelling microscopy
2003	Recipient of University of Aarhus Anniversary Foundation Award for outstanding academic research within the area of surface and nanoscience
2003	Recipient of Villum Kann Rasmussen Annual Award for Technical and Scientific Research in recognition of outstanding achievements in technical and scientific research (the Villum Foundation)
2004	Recipient of Danmarks Naturvidenskabelige Akademis Industripris 2004 (Industrial prize of the Danish Academy of Natural Sciences 2004)
2006	Recipient of Grundfos award for outstanding nanoscience research
2008	Bird-Steward-Lightwood Lectureship award, Dept. of Chemical and Biological Engineering at University of Wisconsin-Madison
2008	Recipient of one of the prestigious ERC advanced research grants from the European Research Council
2009	Recipient of Aarhus Business Award 2009
2009	Recipient of a Sino-Danish Center of Excellence “Center for Molecular Nanostructures on Surfaces CMNS” from the Danish National Research Foundation
2009	Recipient of the prestigious Einstein Professorship, Chinese Academy of Sciences
2011	Recipient of Rigmor og Carl Holst-Knudsen’s Videnskabspris (science award granted by Aarhus University) 2011
2012	Recipient of the Award for International Scientific Cooperation, Chinese Academy of Sciences, China
2012	Recipient of the People’s Republic of China Friendship Award selected by the Chinese State Council
2013	Recipient of the 2012 International Science and Technology Cooperation Award of the People’s Republic of China selected by the Chinese State Council
2013	Foreign Academician of the Chinese Academy of Sciences (CAS)

### **Fellowships**

1996	Elected Fellow of The Danish Academy of Natural Sciences (DNA)
1997	Elected Fellow of The Danish Academy of Technical Sciences (ATV)
1998	Elected Fellow of The Royal Danish Academy of Sciences and Letters
2001	Elected Fellow of the Institute of Physics
2009	Elected Honorary Fellow of the Chinese Chemical Society
2009	Elected Honorary Fellow of the American Vacuum Society
2009	Elected Honorary Fellow of Materials Research Society, USA.
2009	Elected member of the Materials Research Society Board of Directors
2011	Elected Fellow of the American Physical Society
2013	Awarded Honorary Fellow of the Royal Microscopical Society
2013	Elected Foreign Academician of the Chinese Academy of Sciences

2014 Fellow of the European Academy of Sciences  
2017 Member of the EU Academy of Sciences

**Invited talks** At international conferences: approx. 159 since 1990  
At research institutions and universities: approx. 90 since 1990

**Publication statistics** As per February 2020, my publication list contains 745 entries in international, refereed journals, including 20 in “Nature” and “Science”  
My published articles have been cited 41,585 times and my H-index is 104.  
My research activities have resulted in 11 patents.