

CV Mats Leijon (publikationer finns även på Research Gate och www.el.angstrom.uu.se)

Professional

PhD period Chalmers University of Technology, Gothenburg, Sweden	1983-1987
ABB Corporate Research	1987-2001
Professor in Electricity, Uppsala university	2000 -

Professor in High Voltage Engineering, Chalmers (Chair) (declined)	1995
Professor in Electricity (Chair), Uppsala university (Full time since feb 2001)	Sept 2000 -
Dean of Engineering Education (Member of Faculty Board)	2002 -2005
Dean of Engineering (Member of the Faculty Board)	2011 – 2017 0630
Visiting Professor – University of Southampton UK , Engineering and the Environment, Energy and Climate change	2014 -

Education

MSc EE, Chalmers	1983
PhD , Chalmers	1987
Dr.Sc.in Power Engineering, Chalmers	1996 -
Adj. Professor, Collage University of Borås	1999 -2002
Professor, Uppsala university	2000 -

Commission of trust

Danish Research Council / “Forskningsstyrelsen” /evaluation	2004 -2007
Norwegian Research council /evaluation	2008 -
The Swedish Research Council / “VR/Sida” /evaluation	2003
Swedish Royal Academy of Engineering Science	2002 -
World Energy Council	2002 -
Inventors colloquium in Sweden	2002 -
SSF Scientific Advisory Colloquium	2003 -2007
Elected into European Research Council (ERC) Adv. Grant group PE 8B	2008 -2011
VR (Swedish Scientific Council) UF-3	2014 -2015

Boards

Board member ”Elektra”, Industrial Power Engineering Research	1995-1996
Board member in Strategic Foundation (SSF) - Biomaterials and Polymers	1997- 2004
Board member (Chairman) in SSF FRAM (Magnetic material program)	2000 -2007
Advisory board member in SSF Material programs	2001 -2007
Board member Centre for Power engineering EKC/KTH	2001- 2003
Board member in SSF OXIDE	2001 -2004
Chairmen of the board in CF:s ”Small Polhem prize” Best MSc thesis in Sweden	2001 -2007
Board member of Swedish National Committee of CIGRE	2005 -2010
Board member of Swedish Hydro Power Centre	2005 - 2014
Board member of Swedish Inventors Colloquium	2002 -2007
Initiator /Prog Dir of Swedish Centre for Renewable Electric Energy Conversion	2004 - 2015
PIEp KTH Vinnova board member	2007 - 2011
Board member of FOI /Swedish Defence Research	2015-
Board member of Gävle Högskola	2016 -

Professor Mats Leijon
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Ångströmlaboratoriet
Uppsala universitet

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Boards (Entrepreneurial)

Founder and Chairmen of the Board Seabased AB	2001 – 2014
CEO of Seabased – group AB	2014 – 2016
Boardmember	1/7 2016 -
Founder and Chairman of the board Energy Potential AB	2001 -
Founder and Chairmen of the board and CEO in Leijon Engineering AB	2001 -
Chairman of the board Vertical Wind AB	2002 -2010
Founder and board member Vertical Wind	2002-
Founder and Chairmen of the board Current Power Sweden AB	2005 -
Founder and CEO in Scandinavian Energy Centre AB	2005 - 2014
Founder and Chairmen of the Board Electric Line AB	2007 - 2016

Awards

John Ericsson medal, Chalmers	1984
”Future leadership”, Nominated to Final (Research and Education) Handels Juniorhandelskammaren	1996
The Porjus Hydro Power Prize, Porjus foundation	1998
The KTH:s Grand Prize , Royal Swedish Institute of Technology (KTH) (Highest award KTH)	1998
Powerformer nominated to Discover Awards (Global nomination)	1999
Powerformer nominated to Financial Times Energy Award (Global nomination)	1999
The Finish Academies of Science and Walter Alströms Prize (Global Prize)	1999
The Gustav Dahlén-medal , Chalmers Sweden (Highest award Chalmers)	2000
The Polhems prize , Union of MSc in Sweden (Highest award Engineering)	2001
Windformer nominated to Financial Times Energy Awards (Global nomination)	2001
The Grand Energy prize in Sweden , DI and Sweco Sweden	2001
The Thureus prize, Royal academy society Sweden	2002
CF:s environmental fund – individual grant Sweden	2003
Alde Johanssons innovation prize	2004
SER Environmental prize	2008
Björkenska prize , Uppsala university	2009
Nomination to Technopolis Award of “Swedens Most Scientific Entrepreneur”	2009
Honorary member of Gothenburg Nation – Uppsala Sweden	2011
Royal Swedish Institute of Technology “KTH Gold Medal”	2013
Uppsala University “Hjärnapplet”	2014
Uppsala University elected by students (“Proinspector” Gothenburg Nation)	2014
King Karl XVI Gustavs medal in 9 order with Serafimerorden	2015

Publications and Patents

Around 300 papers (including all conference articles) whereof about 145 in peer reviewed journals and about 78 in peer reviewed conferences. For details look at the publication list. H index Google scholar is 37 without patents.

Patents see www.prv.se - look in the database esp@cenet - worldwide - Espacenet

1412 patent matches on Mats Leijon (2014-11-19)

101 patents cited more than 31 times – in total over 6000 citations on patents.

Graduated students (26 PhD) and (3 Tech Lic) as Main Supervisor at Chalmers and UU

Dr Jörgen Blennow Chalmers 2000, Dr Mats Sjöberg Chalmers 2002, Dr Pär Holmberg Uppsala university 2001, Dr Akbar Kheirmand Chalmers 2003, Dr Erik Segergren UU 2005, Dr Björn Bolund UU 2006, Dr Karin Thorburn UU 2006, Dr Oskar Danielsson UU 2006, Dr Mikael Eriksson UU 2007, Dr Karin Thomas UU 2008, Dr Rafael Waters UU 2008, Dr Magnus Rahm UU 2010, Dr Cecilia Boström UU 2011, Dr Simon Lindroth 2011 UU, Dr Andrej Savin 2012 UU, Dr Erland Strömstedt 2012 UU, Dr Olle Svensson 2012 UU, Dr Katarina Yuen-Lasson, 2012 UU, Dr Mårten Grabbe 2013 UU, Dr Emilia Lalander 2013 UU, Dr Boel Ekergård 2013 UU, Dr Remya Krishna 2014 UU, Dr Halvar Gravråmo 2014 UU , Dr Ling Hai 2015 UU, , Dr Erik Lejerskog 2016 UU, Dr Staffan Lundin 2016 UU, Tech Lic Richard Perers 2006 UU, Tech Lic Andreas Solum 2006 UU., Tech lic Johan Forsberg 2015 UU

PI for SFO (Strategic Research Initiative) in Sweden (1 out of 10)

UU /KTH/LTU/SLU StandUP

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Supervision today

Today I supervise 6 PhD students¹ as main supervisor.

Editor (co)/ editorial board

Guest editor of Ocean Energy in IET Journal of Renewable Power Generation (2009) Guest Editor IEEE Transaction Renewable and Sustainable Energy also on Ocean Energy (2015), Co-editor of Journal of Applied Mathematics (2011-..), Journal of Marine Energy (2013-..)and IET Renewable Power Generation (2010-..) Renewable Energy (2006-2014)

Reviewer

IEEE Electrical Dielectrics and Insulation (1989-...), IEEE Magnetism (1992-), IEEE Energy Conversion(1998-..), IEEE Ocean Engineering(2004-), IEEE Industrial Application(2010-), IEEE Transaction Renewable and Sustainable Energy(2014-..), Journal of Applied Physics(2005-..), Renewable Energy(2005-), Proceedings of IMech. Part A (2004-) Journal of Power & Energy, Proceedings of IMech Part C (2010-..) Journal of Mechanical Engineering Science (2009-..), Journal Coastal Engineering(2013-..), IET Renewable Power Generation, (2010-..) IET Industrial Electronics (2010-..), Energies (2013-..), Advances in Mechanics (2014-..)

International Conference Arrangements

NORDIS 1996 Västerås Sweden, EWTEC 2009 Uppsala, Sweden Chair and organizer...

3rd duty

I have also been in different TV appearances internationally, India, China, Korean, Japanese, US, German and Swiss TV. As international expert in Finland before the election of Nuclear power and in Danish TV regarding Barsebäck I and II. Several times in Swedish TV. Frequently also in newspapers and in radio during the years from 95. I have been involved/active in the IVA Energy Foresight 2002 and IVA Technical foresight 2004. "Vetenskaps magasinet" 2004, IVA delegation leader China 2005, Swedish export delegation Chile 2005. US Embassy – Energy discussions 2006. TV Kunskapens krona IVA 2008 (part 3 and 4). Café Einstein Access TV 2008. TV years 2020 2008.

¹ Venu Kurupat power electronics planned Dr Q1 2017, Deepak Soman power electronics planned Dr 28/2 2017, Erik Hultman robots Planned Dr first week in April 2017, Tobias Krants robots, Liselott Lindblad wave power and Tech Lic Johan Forsman marine current.