

Curriculum Vitae – Göran Ronsten

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Positions

2007 - CEO and owner, WindREN AB
2000 - 2007 Research scientist, Swedish Defence Research Agency, FOI, Stockholm
1985 - 2000 Research scientist, The Aeronautical Research Institute of Sweden, FFA

Assignments (selection)

- Studies of offshore wind energy and wind energy in cold climates
- Project manager for measurements at Sweden's first offshore wind farm
- Swedish Project manager in EU projects NEW ICETOOLS, HIROQ and WEGA-II
- Swedish representative in IEA R&D Wind, Annex XIX – Wind energy in cold climates
- Swedish representative in COST 727 – Atmospheric icing of structures
- Development of measurement systems
- Wind tunnel measurements in China (1989 and 1992)
- Editor of staff magazine at FFA

Competencies

Aeronautics, wind energy, measurement technique, data acquisition, analysis of measured data, project management and development.

Education

2006 - 2007 MBA, Stockholm School of Economics
1981 - 1986 Master of Science in aeronautical engineering, KTH, Stockholm
1980 - 1981 One year on the road and in families, Up With People, Cast A 80/81

Computer skills

Programming languages: Fortran, LabVIEW and MatLab

Languages

Swedish and English (fluent)
Spanish and French (basic)

Military service

1995 – Pilot in Swedish Home Guard
1979 - 1980 Military service, platoon commander (warrant officer), armoured troops

Additional info

2007 - CEO - WindREN AB (wholly owned consulting company)
2005 - 2007: President Aapua Vind AB
1988 - 2007: Member of Lidingö Storband
1997 - 2007: President of the local road association
1997 - 2002: President of co-op day care centre, <http://www.eken.se/>, five on staff, 20 families, all families on the board, daily compulsory work by one parent
1986 - 1988: President - Bax Big Band
1986: Biked from Gibraltar to The North Cape (which took 3 months)

Married to Anette since 1991

Three daughters: Linnea (-91), Julia (-93) and Ellen (-97)

Parental leave during six months each with Linnéa and Julia

Play classical and jazz trombone

Board member of The Swedish Wind Energy Co-op, <http://www.svef.nu/>

Member of Swedish Energy Agency's steering committee for a de-icing project

Plug-in lawn mover, heat pump and 100 % wind energy electricity at half the market price.

Temporary positions held while studying:

1984 - 1985 Cab driver, SAS Limousine service, Stockholm
1984 Trainee, CASA, Cádiz, Spain
1983 Bus driver, Stockholm (SL)
1982 Trombonist at the World's fair in Knoxville, Up With People
1979 - 1980 Trombone teacher, Gotland's municipal school of music
1978 Trainee, assistant nurse, psychiatric and geriatric care, S:t Olof, Visby
1978 Trainee, caretaker, responsible for 130 apartments, Visby
1978 Stand-in trombonist, Military orchestra, Gotland
1977 - 1978 Cheese turner, Arla, Visby
1975 - 1976 Farm-hand, Gervide farm, Sjonhem, Gotland
1973 - 1975 Shop assistant – Stand-in store manager, Signalens livs, Visby
1969 - 1973 Tuba player in marching band, Visby

Publications and presentations (most recent)

- Ronsten G., "Increasing the Profitability of Wind Energy in Icing Climates – Challenges and Solutions", Wind Power in the Nordic and Baltic Region, Gothenburg Feb 7-8, 2008
- Ronsten G., "Increasing the Profitability of Wind Energy in Icing Climates", IWAIS 2007, Yokohama, Japan, October 2007
- Ronsten G., Kolb V., "A proposed policy for wind energy research in icing climates", WindREN Report 2007-02, SSE MBA - Capstone Project XIII, Stockholm, April 2007
- Kolb V., Ronsten G., "Increasing the Profitability, from a Developer's Point of View, of Wind Energy in Icing Climates", SSE MBA - Capstone Project XIII, WindREN Report 2007-01, to be published in May, 2007
- Fikke S., Ronsten G., et al, "COST 727, Atmospheric Icing on Structures, Measurements and data collection on icing: State Of The Art", MeteoSuisse, Dec 2006
- Ronsten G., Fikke S., Wichura B. and Laakso T., "COST Action 727, part 2:, Measuring atmospheric icing on structures - final report, phase 1", DEWEK 2006, Bremen, Germany, Nov 2006
- Ronsten G., "Förstudie av nedisning på lågfjället Uljabuouda i Arjeplogs kommun", FOI Memo 1703, Stockholm, April 2006
- Ronsten G., Boreas VII-rapport, http://www.elforsk.se/varme/underlag/info3_05b.pdf
- Laakso T., Ronsten et al, Expert Group Study on Wind Energy Projects In Cold Climates, 1. Edition 2005 <http://arcticwind.vtt.fi/reports/recommendations.pdf> (2005)
- Ronsten G., "Visualization of an operating wind turbine blade", FOI-R--1398--SE, Stockholm, April, 2005
- Durstewitz M. et al, "European Experience with Wind Turbines in Icing Conditions", EWEC 2004, London, November 2004, p6
- Ronsten G., KALLTEK, ett projektförslag kring vindkraft i kallt klimat omfattande 10 MSEK inlämnat 040315 till Energimyndighetens pilotprojektprogram.
- Ronsten G., Elforskrapporten "Svenska erfarenheter av vindkraft i kallt klimat - nedisning, iskast och avisning", Rapportnummer: 04:13
http://www.elforsk.se/publish/show_report.phtml?id=596
- Laakso T., Ronsten G., "Recommendations Regarding the Use of Adapted Wind Turbine Technology", VTT PRO2/P5162/04, Finland, 2004
- Laakso T., Ronsten G., "Operation of Blade Heating System in Different Icing Conditions", VTT PRO2/P5163/04, Finland, 2004
- Durstewitz M. et al, "Cold Climate Experiences in Europe", DEWEK 2004, Wilhelmshaven, October 2004, 4p
- Laakso T., Ronsten et al, IEA Annex XIX, State-of-the-art of wind energy in cold climates (2003) http://arcticwind.vtt.fi/reports/state_of_the_art.pdf
- Ronsten G., "The Swedish Wind Energy Experience of Ice and Cold Climate", Proceeding of the BOREAS VI Conference, Pyhänturi, 9-10 April 2003, Finland.
- Ganander H., Ronsten G., "Design load aspects due to ice loading on wind turbine blades", Proceeding of the BOREAS VI Conference, Pyhänturi, 9-10 April 2003, Finland.
- Peltola E. et al, "Modelling, verification and classification of ice loads on wind turbines", EWEC 2003, June 16-19, 2003, Madrid, Spain