Preliminary Winterwind 2015 program

Winterwind
INTERNATIONAL WIND ENERGY CONFERENCE

Sunday Feb 1	
Afternoon and evening	Arrival to Luleå, Hotel Nordkalotten
Monday Feb 2	Starting Location: Hotel Nordkalotten, Luleå
09:00	Study visit to SSAB steel mill or SKF
	Morning arrivals
11:00	Lunch at Hotel Nordkalotten
12:30	Study visit to SSAB steel mill, SKF or Markbygden wind farm
17:00	Arrival to Pite Havsbad
18:00-20:00	Registration

Tuesday Feb 3	**Outside session rooms**	**Session room 1**	**Session room 2**	**Session room 3**
08:00-11:00	Registration			
09:00-10:30		SKF, SSAB and Markbygden	Green branding	Logistics
10:30-11:00	Break			
11:00-12:30		Inauguration and keynote presentations		
12:30-14:00	Lunch - 13:00 poster presentations			
14:00-15:30		R&D programs	Energy production	Finance, risk
15:30-16:00	Break - poster presentations			
16:00-17:30		De-/anti-icing	Noise	Resource
17:30-19:00	Mingle in exhibition hall			
19:30–	Dinner and entertainment			

Wednesday Feb 4	**Outside session rooms**	**Session room 1**	**Session room 2**	**Session room 3**
08:30-10:00		Icewind	Health, Safety and Environment	Market potential & offshore
10:00-10:30	Break - poster presentations			
10:30-12:00		IEA Task 19 Cold Climates	Inspection and repair	Forecasting
12:00-13:30	Lunch			
13:30-15:00		Plenary session		

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Tuesday Feb 3	**Outside session rooms**	**Session room 1**	**Session room 2**	**Session room 3**
08:00-11:00	Registration			
09:00-10:30, session 1		**Site visit presentations**	**Green branding**	**Logistics**
		SKF SSAB steel mill Markbygden wind farm		Logistics, Henrik Aleryd, Nod
10:30-11:00	Break			
11:00-12:30, session 2		**Inauguration and keynote presentations**		
12:30-14:00	**Lunch - 13:30 Poster presentations**	Combitech - when it comes to monitoring, Björn Ollars, Combitech AB, SE	Lidar as ice detector, Timo Karlsson, VTT, FI	Efficiency and influence of heating device on wind turbine blades, Jan-Olov Aidanpää, Luleå Universiy of Technology, SE
14:00-15:30, session 3		**R&D programs**	**Energy production**	**Finance, risk**
		De-icing of windpower blades using microwaves and CNT-coatings, Joachim Karthäuser, Re-Turn AS, NO	Quantification of energy losses caused by blade icing and the development of an energy loss climatology using SCADA data from Scandinavian wind farms, Staffan Lindahl, DNV GL, UK	Challenges and possibilities of handling more wind power in the power system - conclusions from Denmark, Jens Tang, Neas Energy, DK
		Airborne de-icing solution for wind turbines, Hans Gedda, H Gedda Consulting, SE	Estimating energy losses caused by blade icing from pre-construction wind data and DNV GL's experience analysing scada data from Scandinavian wind farms, Till Beckford, DNV GL, UK	Challenges with financing wind power in cold climate, Paul Stormoen, OX2, SE
		Vindforsk IV - update of ongoing projects, Göran Dalén, Vindforsk, SE	Power production losses due to icing and their relation to icing conditions and operation mode, Silke Dierer, Meteotest, CH	Insurability of cold weather risk and damages, Anders Orebrandt, Marsh, SE
		Ultrasonic guided waves approach for ice detection on wind turbines, Siavash Shoja, Chalmers University of Technology, SE		
15:30-16:00	**Break - Poster presentations**	Detection of different phases of water on a wind turbine blade using NIR camera, Lavan Kumar Eppanapelli, Luleå university of Technology, SE	Experiences from blade-mounted ice detector development, Tatu Muukkonen, Labkotec Oy, FI	Breaking the ice using passive anti-icing coatings Ð Lessons learned from the Nordic TopNANO research project, Agne Swerin, SP Technical Research Institute of Sweden, SE
16:00-17:30, session 4		**De-/anti-icing**	**Noise**	**Resource**
		1,500 Years of Icing on wind turbines Ð a long term study, Dietmar Tilch, Bosch Rexroth Monitoring Systems GmbH, DE	Benchmark of ice noise modelling, Max Muckermann, E.ON Climate & Renewables, DE	Case study of Lidar measurements in southeast Finland Ð Lidar performance and wind conditions in cold climate and complex terrain, Katja Hynynen, Lappeenranta University of Technology (LUT), FI
		Icing monitoring for R&D projects, Dominic Bolduc, TechnoCentre Éolien (TCE), CA	Long-term online sound monitoring in wind parks , Antti R. Leskinen, APL Systems Ltd, FI	Estimate of occurred icing losses based on nacelle based lidar measurements, Sónia Liléo, Kjeller Vindteknikk, NO
		On the variability of temperature and icing status over the blades of a wind turbine, Michael Moser, eologix, AT	Simulating iced wind turbine noise, Richard Hann, Richard Hann Consulting, DE	Towards an increased understanding of icing conditions within a wind farm through visualisation of SCADA data in a topographic context, Magnus Baltscheffsky, WeatherTech Scandinavia, SE
		Experiences with different ice-detections, Kimmo Palmu, WestWind, FI		
17:30-19:00	**Mingle in exhibition hall sponsored by Svenska Vindkraftkonsulterna, Advise Risk & Försäkring and Neas Energy**			
19:30–	**Dinner and entertainment**			

Wednesday Feb 4		Session room 1	Session room 2	Session room 3
08:30-10:00, session 5		**Icewind**	**Health, Safety and Environment**	**Market potential & offshore**
		Investigation of nacelle temperature measurements, Neil Davis, DTU Wind Energy, DK	Methods for evaluating risk caused by ice throw from wind turbines, Helge Ausland Refsum, Lloyd's Register Consulting, NO	High resolution forecast maps of production loss due to icing., Esbjörn Olsson, SMHI, SE
		Analysis of spatial and temporal variability in icing conditions and production losses due to icing using a new long-term icing climate database, Stefan Söderberg, WeatherTech Scandinavia, SE	Influence of wind conditions under icing conditions on the result of a risk assessment, Felix Storck, TÜV NORD SysTec GmbH & Ko. KG, DE	Wind Power Icing Atlas (WIceAtlas) Ð icing map of the world, Simo Rissanen, VTT Technical Research Centre of Finland, FI
		Validation of icing and wind power forecasts at cold climate sites, Øyvind Byrkjedal, Kjeller Vindteknikk, NO	Wind turbine blade failure, safety and quality assurance (WINDRISC)Wind turbine blade failure, safety and quality assurance (WINDRISC), Hamid Sarlak, Technical University of Denmark, DK	
		On the influences of icing on regional forecast errors, Jari Miettinen, VTT - Technical Research Centre of Finland, FI		
	Break - Poster presentations	Influence of ice accretion on the noise generated by an airfoil section, Robert Szasz, Lund University, SE	Assessment of ice throw and ice fall risks nearby wind energy installations, Michaela Kaposvari, TÜV SÜD Industrie Service GmbH, DE	Three-dimensional numerical simulation of a model wind turbine, narges tabatabaei, Luleå University of Technology, SE
10:00-10:30				
10:30-12:00, session 6		**IEA Task 19 Cold Climates**	**Inspection and repair**	**Forecasting**
		Wind tunnel ice growth on a blade profile and representative cylinders, Neil Davis, DTU Wind Energy, DK	Why performing climatic chamber testing on wind turbine applications? , Pieter Jan Jordaens, Sirris - OWI-Lab, BE	Validation of new model for short-term forecasting of turbine Icing, Jonathan Collins, DNV GL, GB
		Operation of wind parks under icing conditions Ð a balancing act between production and safety, René Cattin, Meteotest, CH	Blade heat system repair, Greger Nilsson, Blade Solutions, SE	Probabilistic forecasting of icing and production losses, Jennie Persson Söderman, Uppsala University, SE
		Ice throw guidelines, Matthew Wadham-Gagnon, TechnoCentre Žolien, CA	New approaches on rotor blade repairs in winter conditions, Ville Karkkolainen, Bladefence, FI	A generic model for ice growth and ice decrease process, Saara Kaija, VTT, FI
		IEA Task 19: Standardized method to evaluate production losses due to icing using only SCADA data, Ville Lehtomäki, VTT Technical Research Centre of Finland, FI		Measuring air liquid water content by shadowgraph image analysis for wind turbine icing detection, Staffan Rydblom, Mid Sweden University, SE
12:00-13:30	Lunch			
13:30-15:00, session 7		**Plenary session**		
		Siemens turbines in cold clime, Finn Daugaard Madsen, Siemens Wind Power, DK		
		Anti-Icing System on Nordex wind turbines Ð lightning protection and operating experience, Jochen Birkemeyer, Nordex Energy GmbH, DE		
		ENERCON rotor blade heating system (RBHS) and icing measurement campaign, Alexander Winter, Enercon GmbH, DE		
		GAMESA solutions for cold climate conditions, Erik Åslund, GAMESA Wind, SE		
		Vestas cold climate offerings, Brian Daugbjerg Nielsen, Vestas Wind Systems, DK		