

Start time	Monday March 18		Tuesday March 19		Wednesday March 20	
	Welcome to Winterwind 2024!		Day 2		Day 3	
08:00	Site visit Bus from Åre		Exhibition and registration 08:00 - 09:00		Exhibition and registration 08:00 - 08:30	
08:30					Prediction of icing (7) 08:30 - 09:30	
09:00			Forecasting (1) 09:00 - 10:00		Development (2) 09:00 - 10:00	
			Wind power icing loss forecasting and evaluations against T19IceLossMethod, Sebastian Haglund, reboas energy and Modity, SE (34)		Intensity estimate - a step further from on/off to how much?, Tina Kuula, Labkotec, FI (21)	
			Mesoscale-to-microscale flow modelling in cold climate (WRF-to-CFD), Narges Tabatabaei, DNV Sweden, SE (32)		Data management and real-time algorithm deployment for advancing anti-icing rotor blade heating in wind turbines, Georg Fritz, AIT Austrian Institute of Technology, AT (1)	
			Will we experience less ice induced losses in 2050?, Emilie C. Iversen, Kjeller Vindteknikk, NO (28)		Determining heating power and control strategy required to optimize ROI if an IPS, Dylan Baxter, BrenntagWind, FabrizioAir, CA (29)	
09:30	Bus pick up at the airport	Seminar 10:00 - 12:30 Ice throw risk mitigation measures Workshop: ice fall risk reducing design, John Magné Climaq, Norconsult with project partners, NO (2) IceRisk tool for Safe Operation of Wind Power in Winter Climate, Rolv Erlend Bredesen, Kjeller Vindteknikk - part of Norconsult, NO (37)	Break 10:00 - 11:00		Break 09:30 - 10:15	
10:00						
10:15			Plenary session - The cost of icing (3) 11:00 - 12:30		Environment (8) 10:15 - 11:15	
11:00			TBA		Planning and operation (9) 10:15 - 11:15	
			Navigating uncertainties in the energy market: ice accretion, wind turbines, bidding strategies, and the quest for perfection, Andrei Began-Droste, Universitat Laval, CA (6)		Co-existence of wind farms and winter navigation – Maritime perspectives on offshore wind energy, (TBC) Emelie Persson Torgström, Swedish Maritime Administration, SE (22)	
			The impact of the ice mitigation system on the company's financial performance and result - a comparative analysis, Nathalie Zolander, W3 Energy, SE (9)		Exploring cold-climate wind-energy modelling and ice-mapping with the new Copernicus European Regional Analysis (CERA) dataset, Morten Lybech Thegpersen, EMD International, DK (38)	
			IEA Wind Task 54: Icing impacts on electricity grids and markets, Timo Karlsson, VTT Technical Research Centre of Finland, FI (17)		Developments in Standardization: Test Methods for Anti-Icing Properties of Rotor Blade Coatings, Ute Dr. Bergmann, TU Dresden, DE (30)	
11:15			Lunch 12:30 - 14:00		The challenge of detecting the liquid water content with ceilometer and Wind LIDAR, Sara Köller, Meteotest, CH (13)	
12:00	Welcome to The Site!	No planned activity	Poster session 1 (11), 12:25 - 13:55		Lunch 11:15 - 12:30	
12:30			Extending the window of opportunity for winter concreting, Chris Petrich, SINTEF Narvik, NO (44)		Poster session 3 (13), 11:55 - 12:25 Moderator:	
13:30			Development platform for the ice design of offshore wind turbines in the Gulf of Bothnia, Jaakko Heimonen, VTT Technical Research Centre of Finland, FI (4)		Aerodynamic performance optimization in icing, John Maris, Marinvent Corporation, CA (14)	
13:30			CLUMB - A new standard for valuing biodiversity, Aasa Abel, Ecogain AB, SE (19)		Simplify operation in cold climate, Nils Lesmann, Phoenix Contact, DE (16)	
					Winterzolar: Similarities and differences between developing solar and wind power in cold climates, Sigbjørn Grini, Kjeller Vindteknikk, part of Norconsult, NO (24)	
14:00		Seminar 14:00 - 17:00	Ice Protection Systems (4) 14:00 - 15:00	Safety (5) 14:00 - 15:00	A field study on acoustic ice detection on wind turbine towers, Eike Lueken, ecologix-Ping, AT (41)	
		Performance envelopes of blade heating systems	On the importance of control for the performance of ice protection systems and wind turbines, Tomas Wallenius, Wicotec, FI (18)	Low temperature autonomous calibration of blade-based ice detection systems, Daniel Brenner, Weidmüller Monitoring Systems, DE (5)	Closing session - The real cost of icing (10) 12:30 - 14:00	
		'Performance envelopes of blade heating systems' A subtask of IEA Wind TCP Task 54 'Cold climate wind power', Claes Rittinghaus, Energiewerkstatt, AT (40)	Performance of ice protection systems, Ines Runge, Nordex Energy SE Co. KG, DE (12)	IceRisk tool for Safe Operation of Wind Power in Winter Climate, Rolv Erlend Bredesen, Kjeller Vindteknikk - part of Norconsult, NO (37)	The economic costs of icing and the potential of icing forecasts, Mouna Kurppa, Kjeller Vindteknikk, FI (3)	
			The Costs and Benefits of Blade Heating, Validated with Field Data, Daniela Roesler, BrenntagWind, Division of FabrizioAir, DK (11)	Safety aspects and risks of preventive heating during production, Doris Schaefer, ecologix-Ping, AT (42)	The cost of icing in different electricity markets, Petteri Antikainen, Wicotec, FI (31)	
15:00			Break 15:00 - 15:45, Poster session 2 (12), 15:10 - 15:40		Economic effects of icing - a case study, Sten Lilienau, Centrica Energy, SE (35)	
			AI-based predictive modelling for minimizing ice-related downtime in wind turbines, Abhishek Kallarpappay, Coventry University, GB (33)		Welcome to Winterwind 2025 in...	
			Strides in ice mitigation: How NEINICE icephobic coating is evolving, Aaron Dupuis, Phazebreak Coatings, US (26)		Exhibition break 14:00 - 15:00	
			Maximizing wind energy output: The importance of ice-phobic coatings/ ice-phobic, Kaspars Litviniks, Aeronex, LV (15)		Awards	
			Microstructure and adhesion of marine spray ice, Senke Maus, Norwegian University of Science and Technology (NTNU), NO (43)		End of Winterwind 2024	
15:45			Operation (6) 15:45 - 17:00			
			TBA			
			How does cold climate impact WTG performance aside from icing?, Ben Buxton, K2 Management, SE (27)			
			Smart control for blade heating systems – physics or machine learning?, Franziska Gerber, Meteotest, CH (8)			
17:00	Back at the hotel		Exhibition break 17:00 - 18:00			
18:00		Opening session 18:00 - 19:00	Leisure time 18:00 - 19:00			
19:00		Navigating icy waters: decoding wind turbine success with the ice index, Patrice Roberge, Ictek, CA (10)	Dinner 19:00 - 23:59			