



8th International Conference on Wind Turbine Noise

Draft List of Papers at 30th April 2019. The first column is the abstract number and the second is the allocated session in the draft programme.

No	Sess	Name 1	Name 2	Title	Country
51	A	Ethan	Brush	Wind Farm Environmental Noise and Vibration Impact Analyses: Background Sound, Project Construction, and Assessment of Final Project Vibration Immissions	United States
28	A	Mranal	Gupta	Advancements in continuous learning for tonality free turbine design	Denmark
24	A	Tomohiro	Kobayashi	A comparison of standardized methods for prominence analysis of tonal components	Japan
57	A	Lars Sommer	Sondergaard	Prominent tones in wind turbine noise - Round robin test of the IEC 61400-11 and ISO/PAS 20065 methods for analyzing tonality content	Denmark
6	B	Matthew	Cand	Amplitude Modulation analysis - now and in the future	United Kingdom
47	B	Christopher	Feist	Long-term noise monitoring of wind turbine amplitude modulation	United States
61	B	Till	Kuhner	Time dependent changes in sound pressure levels caused by wind turbines at long distances	Germany
20	B	Thomas	Sorensen	How Critical is Low Frequency Noise for Micrositing?	Denmark
21	C/D	Niels	Christensen	Noise propagation at short range farfield position investigated by simultaneous measurements in the nearfield and the farfield.	Denmark
31	C/D	Kristina	Conrady	Low-level wind maxima and their effect on wind turbine sound	Sweden
19	C/D	Bill	Kayser	Sensitivity analysis of influential parameters for wind turbine noise	France
33	C/D	Susanne	Martens	Measuring and Analyzing the Sound Propagation of Wind Turbines	Germany
70	C/D	Kohl	Clark	Using Measured Sound Power Inputs for Comparison of Measured Immission Noise Levels and Sound Levels Predicted with ISO 9613-2 for Various Ground Factors	Canada
59	C/D	Alice Elizabeth	Gonzalez	A proposal for the prediction of sound pressure levels due to wind turbine operation	Uruguay

43	C/D	Matias	Sessarego	Wind turbine noise propagation in flat terrain for wind farm layout optimization frameworks	Denmark
65	F	Pablo	Alloza	Noise Source Location in Wind Turbines	Spain
15	F	Sylvia	Broneske	Measurement of wind turbine noise characteristics in receptor position - A new IEC Technical Specification	United Kingdom
58	F	Pierre	Dutilleux	France - Germany: A Comparison of the Acoustic Assessment Procedures	Germany
22	F	Rune	Egedal	Danish experiences with measuring wind turbine noise at neighbor dwellings.	Denmark
45	F	Tomas	Hansen	Atmospheric absorption in sound power measurements of wind turbines	Denmark
7	G	Alexis	Bigot	Is it possible to predict background noise levels from measured meteorological data with machine learning techniques?	France
27	G	Sarah	D'Amico	Measuring infrasound from wind turbine: the benefits of a wind shielding dome	Belgium
68	G	Duncan	Halstead	A study of background noise levels measured during far-field receptor testing of wind turbine facilities	Canada
12	G	Arthur	PETIT	Does Background Noise Vary with Seasons?	France
5	G	Sabine	von Hunerbein	A low wind noise microphone for wind turbine noise	United Kingdom
62	H	W. David	Colby	Wind Turbines and Groundwater Contamination: An Analysis	Canada
46	H	Peggy	Nelson	Testing the human response to wind turbine emissions	United States
37	H	Isaac	Old	Human Health Hazard - The Shirley Wind Story	United States
25	H	Anu	Turunen	Self-reported health in the vicinity of five wind power areas in Finland	Finland
36	I	David	Ecotiere	PIBE : a new French project for predicting the impact of wind turbine noise	France
55	I	Geoff	Leventhall	I can still hear it and it's making me ill	United Kingdom
38	K/L	Thomas	Graetsch	Simulation of sound radiation of wind turbines using large-scale finite element models	Germany
23	K/L	Alexandre	Martuscelli Faria	Airfoil LE Noise prediction supplement for PNoise Code	Brazil
1	K/L	Wouter	van der Velden	Towards digital wind turbine noise certification	Germany
29	K/L	Florian	Wenz	Analyses of a high fidelity aero-servo-elastic process chain to assess low-frequency emissions from wind turbines	Germany

26	K/L	Franck	Bertagnolio	A Wind Turbine Noise Code Benchmark - Round 1	Denmark
50	K/L	Dan	Radulescu	Numerical study of aerodynamic radiated noise of a Coflow-Jet Vertical Axis Wind Turbine	Romania
49	K/L	Sara	Rodriguez	A Brief Study on Noise Propagation of Airfoils from Wind Turbines Using the Lattice Boltzmann Method	Brazil
48	K/L	Joseph Youssif	Saab Jr.	The Quasi-3D TE Rotor Noise Prediction Tool of the PNoise Code	Brazil
30	N	Michaela	Herr	Aeroacoustic Assessment of Wind Turbine Blade Tips	Germany
8	N	Cordula	Hornung	Development of design guidelines for low noise but high yield wind turbines	Germany
9	N	Ronan	Serre	Scales of turbulence on a wind turbine leading edge	Portugal
66	N	Kevin	Volkmer	Aeroacoustic Optimization of a Small Wind Turbine - Methodology and Experimental Validation	Germany
56	O	Alper	Celik	Hydrodynamic Analysis of Trailing Edge Serrations with Blunt and Rounded Edges	United Kingdom
42	O	Xavier	Falourd	Measurement of sound efficiency of trailing edge serrations (TES) on wind turbines in the Jura mountains.	Switzerland
14	O	Farhan	Manegar	Numerical Investigation of Porous Trailing Edge Noise Reduction Mechanism using lattice-Boltzmann Method	Germany
35	O	Kathrin	Stahl	Experimental Investigation of Self-Aligning Trailing Edge Serrations for Airfoil Noise Reduction	Germany
13	Q	Andrea	Bauerdorff	Current regulations for the protection against noise from wind turbines in Germany	Germany
18	Q	Christophe	Delaire	WHO Environmental Noise Guidelines for the European Region conditional recommendation for wind turbine noise in the context of Australian regulations	Australia
73	Q	David	Parra	Applying a general noise regulation on Wind Turbines: an administrative interpretation to a specific noise source	Chile