

I. Peer-Reviewed Journal Articles

Corresponding author denoted by *

- [1] Savory E, **Lin WE***, Blackman K, Roberto MC, Cuthbertson LR, Scott JA and Mubareka S (2014), Western Cold and Flu (WeCoF) aerosol study – preliminary results, *BMC Research Notes* 7, 563. DOI: 10.1186/1756-0500-7-563
- [2] Li S, Karava P*, Currie S, **Lin WE** and Savory E (2014), Energy modelling of photovoltaic thermal systems with corrugated unglazed transpired solar collectors – Part 1: Model development and validation, *Solar Energy* 102, 282-296.
- [3] Yan Z*, Savory E, Li Z and **Lin WE** (2014), Galloping of iced quad-conductor bundles based on curved beam theory, *Journal of Sound and Vibration* 333(6), 1657-1670.
- [4] Yan Z*, Li Z, Savory E and **Lin WE** (2013), Galloping of a single iced conductor based on curved-beam theory, *Journal of Wind Engineering and Industrial Aerodynamics* 123(A), 77-87.
- [5] Li S, Karava P*, Savory E and **Lin WE** (2013), Airflow and thermal analysis of flat and corrugated unglazed transpired solar collectors, *Solar Energy* 91, 297-315.
- [6] **Lin WE***, Savory E, McIntyre RP, Vandelaar CS and King JPC (2012), The response of an overhead electrical power transmission line to two types of wind forcing, *Journal of Wind Engineering and Industrial Aerodynamics* 100(1):58-69.
- [7] **Lin WE*** and Savory E (2010), Physical modelling of a downdraft outflow with a slot jet, *Wind and Structures* 13(5):385-412.
- [8] **Lin WE***, Orf LG, Savory E and Novacco C (2007), Proposed large-scale modelling of the transient features of a downburst outflow, *Wind and Structures* 10(4):315-346.
- [9] **Lin WE*** and Savory E (2006), Large-scale quasi-steady modelling of a downburst outflow using a slot jet. *Wind and Structures* 9(6):419-440.

II. Conference Presentations and Papers

Speaker denoted by *

- [1] El Damatty A*, Elawady A, Hamada A and **Lin WE** (2014), State-of-the-art knowledge about behaviour of transmission line structures under downbursts and tornadoes, 2014 World Congress on Advances in Civil, Environmental & Materials Research (ACEM14), 24-28 August, Busan, Korea, 35 pp.
- [2] Mara TG* and **Lin WE** (2014), Response of a steel stack under downburst and ABL winds, Engineering Mechanics Institute Conference, 05-08 August, Hamilton, Canada, abstract.
- [3] Savory E, **Lin WE***, Blackman K, Roberto MC, Cuthbertson LR, Scott JA and Mubareka S (2014), Western Cold and Flu (WeCoF) aerosol study – preliminary results, Canadian Society of Mechanical Engineering International Congress 2014, 01-04 June, Toronto, Canada, 6 pp.
- [4] Li S, Karava P*, Savory E and **Lin WE** (2013), CFD simulations for thermal and airflow analysis of unglazed transpired solar collectors, 6th European-African Conference on Wind Engineering, 7-11 July, Cambridge, UK, 8 pp.
- [5] **Lin WE*** (2013), Aeroelastic transmission line model in yawed wind, 12th Americas Conference on Wind Engineering, 16-20 June, Seattle, USA, 17 pp.
- [6] **Lin WE***, Savory E, McIntyre RP, Vandelaar CS and King JPC (2011), A single-span aeroelastic model of an overhead electrical power transmission line with guyed lattice towers, 13th International Conference on Wind Engineering, 10-15 July, Amsterdam, The Netherlands, 8 pp.
- [7] **Lin WE*** and Savory E (2008), A comparative study of plane and radial turbulent wall jets, Canadian Society for Mechanical Engineering Forum, 5-8 June, Ottawa, Canada, 9 pp.
- [8] **Lin WE*** and Savory E (2007), A slot jet facility for downburst outflow simulation, 12th International Conference on Wind Engineering, 1-6 July, Cairns, Australia, Proceedings Vol. 2: 1439-1446.
- [9] **Lin WE***, Novacco C and Savory E (2006), Transient simulation of a microburst outflow: Review and proposed new approach, Canadian Society for Mechanical Engineering Forum, 21-24 May, Kananaskis, Canada, 9 pp.

- [10] **Lin W***, Novacco C and Savory E (2005), Large-scale simulation of downburst outflows, International workshop on physical modelling of flow and dispersion phenomena, 24-26 August, London, Canada.

III. Invited Public Presentations

Speaker denoted by *

- [1] **Lin WE***, Savory E and Zhang C (2011), Evaluating the performance of the next-generation of green aircraft engines, Mitacs Elevate Research Showcase 2011, 28 September, Toronto, Canada.

IV. Technical Reports

- [1] Aboshosha H, El Damatty AA, Elawady A, Hamada A, **Lin WE** and Savory E (2013), A literature review on the dynamic response of transmission lines under synoptic and non-synoptic winds, prepared for the Centre for Energy Advancement through Technological Innovation (CEATI International Inc), 42 pp.
- [2] Martinuzzi RJ, Savory E, Zhang C, Chen Z and **Lin WE** (2012), LDV investigation in P&WC centrifugal compressor stage NGRT 1-C, prepared for Pratt & Whitney Canada, BERG-12-03 / AFM-12-01, 55 pp.
- [3] Savory E, Dybenko J and **Lin W** (2005), Investigation of the impact loading on a post due to balloons and inflatables, prepared for Dynamic Displays.