

# ILAQH Publications List – Conference Papers and Abstracts

## Full Refereed Conference Papers

### 2024

- Salonen, H., Salthammer, T., Vornanen-Winqvist, C., Castagnoli, E., Mikkola, R., Täubel, M. and Morawska, L. Occupant's exposure to indoor air contaminants in European sports halls. *Proceedings of Indoor Air 2024, 18<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024, pp. 1-6.
- Salonen, H., Salthammer, T., Vornanen-Winqvist, C., Castagnoli, E., Mikkola, R., Täubel, M. and Morawska, L. User's exposure to indoor air contaminants in European swimming pools. *Proceedings of Indoor Air 2024, 18<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024, pp. 1-6.

### 2022

- Grossi, G., Fausto, A., Buonanno, G., Cortellessa, G., Mikszewski, A., Morawska, L. and Stabile, L. SARS-CoV-2 risk assessment for a 30-minute car journey. *Proceedings of Indoor Air 2022, 17<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Kuopio, Finland, 12-16 June 2022, pp. 1-8.
- Arora, P., Verma, P., Lodi, F., Jafari, M., Zare, A., Stevanovic, S., Bodisco, T.A., Brown, R. and Ristovski, Z.D. Morphological and Nanostructural Characteristics of Diesel Exhaust Soot Particles at Different Engine Operating Conditions. In Verma, Puneet, Samuel, Olusegun D., Verma, Tikendra Nath, & Dwivedi, Gaurav (Eds.) *Advancement in Materials, Manufacturing and Energy Engineering, Vol. II: Select Proceedings of ICAMME 2021*. Springer, Singapore, pp. 409-417, 2022. [https://doi.org/10.1007/978-981-16-8341-1\\_33](https://doi.org/10.1007/978-981-16-8341-1_33)

### 2021

- Pacitto, A., Stabile, L., Frattolillo, A., Mikszewski, A., Morawska, L. and Buonanno, G.B. Ventilation strategies to minimise the airborne virus transmission in indoor environments. *Proceedings of the Healthy Buildings 2021 Conference*, Honolulu, Hawaii, USA, 9-11 November 2021, pp. 1-9.

### 2020

- Salonen, H., Salthammer, T. and Morawska, L. Occupant's exposure to nitrogen dioxide (NO<sub>2</sub>) in European school and kindergarten buildings – A review. *Proceedings of Indoor Air 2020, 16<sup>th</sup> Conference of the International Society of Indoor Air Quality and Climate (ISIAQ)*, Seoul, Republic of Korea, 1-5 November 2020, pp. 1-9.
- Shahariar, G.M.H., Chu Van, T., Bodisco, T.A., Sajjad, M.S., Kabir, A. Ristovski, Z.D. and Brown, R. Comparison of real-time NOx emission measurements from two heavy-duty diesel engines. In Medwell, Paul, Alwahabi, Zeyad, Evans, Michael, Chan, Shaun, Chinnici, Alfonso, Tian, Zhao, et al. (Eds.) *Proceedings of the 2019 Australian Combustion Symposium*. Combustion Institute, Australia and New Zealand Section, Australia, pp. 101-104, 2019.

### 2018

- Jafari, M., Borghesani, P., Verma, P., Eslaminejad, A., Ristovski, Z.D. and Brown, R.J. Detection of misfire in a six-cylinder diesel engine using acoustic emission signals. *Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition, Volume 11: Acoustics, Vibration, and Phononics*. American Society of Mechanical Engineers Digital Collection, Pittsburgh, Pennsylvania, USA, 9–15 November 2018, pp. 1-4.
- Verma, P., Jafari, M., Pickering, E., Guo, Y., Stevanovic, S., Brown, R.J. and Ristovski, Z.D. Impact of fuel oxygen on morphology and nanostructure of soot particles from a diesel engine. In Lau, T C W & Kelso, R M (Eds.) *Proceedings of the 21st Australasian Fluid Mechanics Conference*, Australasian Fluid Mechanics Society, Australia, 2018, pp. 1-4.
- Jafari, M., Verma, P., Zare, A., Bodisco, T.A., Ristovski, Z.D. and Brown, R.J. Investigation of diesel engine combustion instability using a dynamical systems approach. In Lau, T C W & Kelso, R M (Eds.) *Proceedings of the 21st Australasian Fluid Mechanics Conference: Australasian Fluid Mechanics Society*, Australia, 2018, pp. 1-4.

### 2017

- Surawski, N., Chu Van, T., Ristovski, Z.D., Luong Cong, N., Nguyen Lan, H., Yuan, C.S.J., Rahman, S.M., Hossain, F.M., Guo, Y., Milic, A. and Rainey, T. Effects of sulphur and vanadium contents in diesel fuel on engine performance and emissions: Principal component analysis (PCA). In *11<sup>th</sup> Asia-Pacific Conference on Combustion*, The University of Sydney, December 2017, pp. 1-4.
- Rahman, S.M.A., Hossain, F.M., Van Chu, T., Dowell, A., Islam, M.A., Rainey, T.J., Ristovski, Z.D. and Brown, R.J. Comparative evaluation of the effect of sweet orange oil-diesel blend on performance and emissions of a multi-cylinder compression ignition engine. In Ali, M, Amin, M R, & Sadrul Islam, A K M (Eds.) *Proceedings of the 7<sup>th</sup> BSME International Conference on Thermal Engineering (AIP Conference Proceedings, Volume 1851, Issue 1)*: AIP Publishing LLC, USA, 2017, pp. 1-7.
- Chu Van, T., Lan, H.N., Cong, N.L., Garaniya, V., Jahangiri, S., Abbassi, R., Situ, R., Ferraris, M.D., Kimball, R., Ristovski, Z.D. and Rainey, T. Numerical simulation of performance and exhaust emissions of a marine main engine using heavy fuel oil during the whole voyage. In *Proceedings of the 3<sup>rd</sup> ASEAN Smart Grid Congress and the 5<sup>th</sup> International Conference on Sustainable Energy* (pp. 29-35). Ho Chi Minh City University of Technology, Vietnam, 2017, pp. 29-35.
- Salonen, H., Castagnoli, E., Vornanen-Winqvist, C., Mikkola, R., Duchaine, C., Morawska, L. and Kurnitski, J. Effect of local factors on concentrations and flora of viable fungi in school buildings. *Proceedings of the World Academy of Science, Engineering and Technology International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering*, 15(5), 2017, pp. 592-595.
- Salonen, H., Castagnoli, E., Vornanen-Winqvist, C., Mikkola, R., Duchaine, C., Morawska, L. and Kurnitski J. The effects of local factors on the concentrations and flora of viable fungi in school buildings. *Proceedings of the 19<sup>th</sup> International Conference on Civil and Building Engineering (ICCBE2017)*, Boston, USA, 24-25 April 2017, pp.1-5. **Has been selected as the Best Paper Award.**

### 2016

- Quang, T.N., Hue, N.T.H., Thai, P., Mazaheri, M. and Morawska, L. Pilot Monitoring of Ultrafine Particle Number Concentrations in some Households in Hanoi. *Proceedings of the 7<sup>th</sup> International Conference Energy Environmental Residential Buildings*, Brisbane, Australia, 20-24 November 2016, pp. 1-6.
- Liu, X., Asumadu-Sakyi, A.B., Nyarku, M., Mazaheri, M., Thai, P., Morawska, L., and Jayaratne, E.R. Low-cost sensor network for indoor air quality monitoring in residential houses: Lab and indoor tests of two PM Sensors. *Proceedings of the 7<sup>th</sup> International Conference Energy Environmental Residential Buildings*, Brisbane, Australia, 20-24 November 2016, pp. 1-8.
- Salonen, H., Kurnitski, J., Kosonen, R., Hellgren, U.-M., Lappalainen, S., Peltokorpi, A., Reijula, K. and Morawska, L. The effects of the thermal environment on occupants' responses in health care facilities: A literature review. *Proceedings of the 9<sup>th</sup> International Conference on Indoor Air Quality, Ventilation & Energy Conservation in Buildings (IAQVEC2016) "Healthy & Smart Built Environment"*, Seoul, Republic of Korea, 23-26 October 2016, pp. 1-8.
- Chu Van, T., Rainey, T., Ristovski, Z.D., Pourkhesalian, A.M., Garaniya, V., Abbassi, R., Yang, L. and Brown, R.J., 2016, July. Emissions from a marine auxiliary diesel engine at berth using heavy fuel oil. *Proceedings of the 10<sup>th</sup> Australasian Heat and Mass Transfer Conference*, School of Chemistry, Physics and Mechanical Engineering, Queensland University of Technology, Brisbane, Australia, 14-15 July 2016, pp. 81-86.
- Salonen, H., Duchaine, C., Létourneau, V., Mazaheri, M., Laitinen, S., Clifford, S., Lappalainen, S., Reijula, K. and Morawska, L. Factors affecting endotoxins in settled dust in different indoor environments — A review. *Proceedings of Indoor Air 2016, 14<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Ghent, Belgium, 3-8 July 2016, pp.1-6.
- Van Chu, T., Rainey, T., Ristovski, Z., Pourkhesalian, A.M., Garaniya, V., Abbassi, R., Yang, L. and Brown, R.J. Particle emissions from ships at berth using heavy fuel oil. In Annual General Assembly of the International Association of Maritime Universities (17th: 2016). In Nho, L C (Ed.) *Proceedings of the 17<sup>th</sup> International Association of Maritime Universities (IAMU) Annual General Assembly (AGA)*, Vietnam Maritime University, Vietnam, 2016, pp. 235-243.

## **2015**

- Pereira, M.L., Vilain, R., Tribess, A. and Morawska, L. Risk assessment for airborne infectious diseases between natural ventilation and split-system air conditioner in a university classroom. *Proceedings of the 23<sup>rd</sup> ABCM International Congress of Mechanical Engineering (COBEM2015)*, Rio de Janeiro, Brazil, 6-11 December 2015, pp. 1-5.
- Hossain, F.M., Nabi, M.N., Rahman, M.M., Zare, A., Rainey, T.J., Stuart, D., Ristovski, Z.D. and Brown, R.J. Experimental investigation of the effects of oxygenated fuels on exhaust emissions in a heavy duty diesel engine. In Yang, Y & Smith, N (Eds.) *Proceedings of the 2015 Australian Combustion Symposium: The Combustion Institute Australia and New Zealand Section*, Australia, December 2015, pp. 56-59.
- Babaie, M., Talebizadeh, P., Sia, K.H., Ristovski, Z.D., Rahimzadeh, H. and Brown, R.J. Removal of secondary aerosols produced during plasma diesel particulate treatment. In Yang, Y & Smith, N (Eds.) *Proceedings of the 2015 Australian Combustion Symposium: The Combustion Institute Australia and New Zealand Section*, Australia, December 2015, pp. 76-79.
- Nabi, N., Zare, A., Hossain, M., Rahman, M.M., Stuart, D., Ristovski, Z.D. and Brown, R. Formulation of new oxygenated fuels and their influence on engine performance and exhaust emissions. In Yang, Y & Smith, N (Eds.) *Proceedings of the 2015 Australian Combustion Symposium: The Combustion Institute Australia and New Zealand Section*, Australia, December 2015, pp. 64-67.
- Zare, A., Bodisco, T., Nabi, N., Hossain, M., Rahman, M.M., Stuart, D., Ristovski, Z.D. and Brown, R.J. Impact of Triacetin as an oxygenated fuel additive to waste cooking biodiesel: transient engine performance and exhaust emissions. In Yang, Y & Smith, N (Eds.) *Proceedings of the 2015 Australian Combustion Symposium: The Combustion Institute Australia and New Zealand Section*, Australia, December 2015, pp. 48-51.
- Buonanno, G., Giovenco, G., Mazaheri, M., Thai, P., Morawska, L., Stabile, L., Fuoco, F.C. and Rizza, V. Lung cancer risk of airborne particles for Australian population. *Proceedings of the Metrology Society of Australasia (MSA2015)*, Queenstown, New Zealand, 14-16 October 2015, pp. 1-7.
- Pereira, M., Morawska, L., Knibbs, L.D., He, C. and Johnson, G. The effect of human density on the risk of infection in a hospital ward. In *Proceedings of the 1<sup>st</sup> North American Regional Conference on Healthy Buildings (HB2015): Innovation in a Time of Energy Uncertainty and Climate Adaptation*. International Society of Indoor Air Quality and Climate, 19-22 July 2015, pp. 419-422.
- Babaie, M., Talebizadehsardari, P., Inthavong, K., Ahmadi, G., Ristovski, Z.D., Rahimzadeh, H. and Brown, R.J. An investigation of Nano-particle Deposition in Cylindrical Tubes under Laminar condition using Lagrangian transport model. In Liu, G R & Das, R (Eds.) *Proceedings of the 6<sup>th</sup> International Conference on Computational Methods, Volume 2, 2015*: ScienTech Publisher, United States of America, July 2015, pp. 1-6.
- Islam, M.S., Saha, S.C., Sauret, E., Gu, Y. and Ristovski, Z.D. Numerical investigation of aerosol particle transport and deposition in realistic lung airway. In Liu, G R & Das, R (Eds.) *Proceedings of the 6<sup>th</sup> International Conference on Computational Methods, Volume 2, 2015*: ScienTech Publisher, United States of America, July 2015, pp. 1-9.

## **2014**

- Clifford, S., Mazaheri, M., Jayaratne, E.R., Mokhtar, M.A.M., Fuoco, F., Buonanno, G. and Morawska, L. Estimation of inhaled ultrafine particle surface area dose for urban environments. *Proceedings of the 11<sup>th</sup> Biennial Engineering Mathematics and Applications Conference (EMAC2013)*, Queensland University of Technology, Brisbane, Australia, December 2014, pp. C437-C447.
- Toms, L.M., Mazaheri, M., Brommer, S., Clifford, S., Drage, D., Mueller, J.F., Thai, P., Harrad, S., Morawska, L. and Harden, F.A. Polybrominated diphenyl ethers (PBDEs) in dust from primary schools in South East Queensland, Australia. *Proceedings of the Dioxin 2014 – 34<sup>th</sup> International Symposium on Halogenated Persistent Organic Pollutants*, 30 August – 4 September 2014, pp. 1-4.
- Mummullage, S., Egodawatta, P., Goonetilleke, A. and Ayoko, G.A. Variability of metal composition and concentrations of road dust in the urban environment. In *Proceedings of the World Academy of Science, Engineering and Technology Conference*, Barcelona, Spain. Published in International Science Index: 0086, 27-28 February 2014, pp. 607-612.
- Xi, Y., Sun, Z., Ayoko, G.A. and Frost, R.L. Palygorskite-supported nano zero-valent iron- bisphenol: A degradation study. *Proceedings Australian Clay Minerals Society Conference*, Gilkes RJ (Ed) – Perth, Australia, 3-5 February 2014, pp. 27-30.
- Jayaratne, R., Ling, X. and Morawska, L. Suppression of Cluster Ions during Particle Formation Events in the Atmosphere. *Proceedings of the XV International Conference on Atmospheric Electricity (ICAE2014)*, Norman, Oklahoma, USA, 15-20 June 2014, pp. 1-5.

Salonen, H., Lahtinen, M., Lappalainen, S., Knibbs, L.D., Morawska, L. and Reijula, K. The impact of windows, daylight and views of nature on health and wellbeing in healthcare facilities. *Proceedings of the International Sustainable built Environment Conference 2014*, Doha, Qatar, 28-30 January 2014, pp. 1-7.

## **2013**

Haigh, V., Kaur, G., Couperthwaite, S., Millar, G., Ayoko, G.A. and Frost, R. Development of purification pathways for mineral wastewater. In: *Proceedings of the Sustainable Engineering Society Conference (2013: Canberra, ACT)*. Sustainable Engineering Society (SENG) 2013 conference: Looking back, looking forward. Barton, ACT: Engineers Australia 2013, pp. 112-120.

Babaie, M., Davari, P., Talebizadeh, P., Ristovski, Z.D., Rahimzadeh, H. and Brown, R.J. Study of particulate matter removal mechanism by using non-thermal plasma technology. In Seetharamu, S (Ed.) *Proceedings of the XIII International Conference on Electrostatic Precipitation*: International Society for Electrostatic Precipitation (ISESP), India, 2013, pp. 1-7.

Rahman, M.M., Stevanovic, S., Brown, R.J., and Ristovski, Z.D. Influence of different alternative fuels on particle emission from a turbocharged common-rail Diesel engine. *Procedia Engineering*, 56, 2013, pp. 381-386.

Cravigan, L., Mallet, M., Ristovski, Z., Vaattovaara, P., Talbot, N., Olivares, G., Harvey, M., Law, C. Marine aerosol hygroscopicity and volatility, measured on the Chatham Rise (New Zealand). *AIP Conference Proceedings*, 1527, 2013, pp. 547-550.

## **2012**

Ayoko G., Bostrom T., Lim Y.H. and Elbagir S. Elemental characterisation and detection of heavy metals in house dusts collected from sites in South-East Queensland, Australia, *Proceedings of the 10<sup>th</sup> Healthy Buildings International Conference* 2012, pp. 1-6.

Gunawardena, J., Egodawatta, P., Ayoko, G.A. and Goonetilleke, A. Exploratory investigation of atmospheric total suspended particulate matter and heavy metals in urban air. *Proceedings of the Annual International Conference on Sustainable Energy and Environmental Sciences (SEES 2012)*, pp. 81-86.

Theiss, F.L., Sear-Hall, M.J., Couperthwaite, S.J., Ayoko, G.A. and Frost, R.L., Layered double hydroxides as iodine sorbents, *Proceedings of the combined Australian Regolith Geoscientists Association and Australian Clay Minerals Society Conference 2012*, pp. 83-86.

Lim, Y.-H., Ayoko, G.A., Frost, R.L. and Couperthwaite, S.J. Synthesis and characterization of organo-beidellite. *Proceedings of the Australian Regolith and clays Conference Mildura*, Victoria, Australia, 7-10 February 2012, pp. 29-32.

Park, Y., Ayoko, G.A. and Frost, R.L. Thermal analysis and application of organoclays for water purification. *Proceedings of the Australian Regolith and clays Conference Mildura*, Victoria, Australia, 7-10 February 2012, pp. 79-82.

## **2011**

Zhu, C., Zhang, X. and Morawska, L. Quantitative study on visibility effect in road tunnels. *Proceedings of the 7<sup>th</sup> International Symposium on Heating, Ventilating and Air Conditioning (ISHVAC2011)*, Shanghai, China, 6-9 November 2011, pp. 566-574.

Buonanno, G., Giovenco, G., Morawska, L. and Wang, L. Submicrometer particle dose for different population age groups in Brisbane, Australia. *Proceedings of the Metrology Society of Australia 2011 (MSA2011) Conference*, Geelong, Australia, 19-21 October 2011, pp. 1-6.

Ayoko, G.A., Lim, M., Ristovski, Z.D., Jayaratne, E.R., Morawska, L., King, G. and Christensen, E. A comparative investigation of C6-C15 hydrocarbons emitted from a passenger car powered by unleaded petrol and 10% ethanol fuel. *Proceeding of the 20<sup>th</sup> International Clean Air and Environment Conference*, Christchurch, New Zealand, 5-8 July 2011, pp. 1-4.

Ayoko, G.A., Blinco, J., Kirk, K. and Kumar, W. Hierarchical principal component analysis of chromatographic data obtained from the monitoring of airborne organic pollutants. *Proceeding of the 20<sup>th</sup> International Clean Air and Environment Conference*, Christchurch, New Zealand, 5-8 July 2011, pp. 1-4.

Ristovski, Z.D., Surawski, N., Miljevic, B., Stevanovic, S., Ayoko, G.A., Elbagir, S., Morawska, L., Fairfull-Smith, K. and Bottle, S.E. On the Influence of Biodiesel Feedstock on Compression Ignition Particulate Emissions. *Proceeding of the 20<sup>th</sup> International Clean Air and Environment Conference*, Christchurch, New Zealand, 5-8 July 2011, pp. 1-4.

## **2009**

Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Wang, H., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. Laser Printers: A Source of Nanoparticles in Indoor Office Environments. *Proceedings of the 27<sup>th</sup> Annual Conference of the Australian Institute of Occupational Hygienists (AIOH)*, Canberra, Australia, 5-9 December 2009, pp.1-10.

Gao, N., Niu, J. and Morawska, L. Distribution characteristics of respiratory aerosols in enclosed environments. *Proceeding of the 6<sup>th</sup> International Symposium on Heating, Ventilating and Air Conditioning (ISHVAC2009)*, Nanjing, China. 6-9 November 2009, pp. 811-818.

Buonanno, G., Johnson, G.R., Morawska, L. and Stabile, L. Uncertainty budget of the SMPS-APS system in the measurement of PM<sub>1</sub>, PM<sub>2.5</sub> and PM<sub>10</sub>. *Proceedings of the 8<sup>th</sup> Biennial Conference of the Metrology Society of Australia*, Marcoola, Australia, 30 September – 2 October 2009, pp. 1-8.

Buonanno, G., Johnson, G.R., Morawska, L. and Stabile, L. Uncertainty budget in the measurement of typical airborne number, surface area and mass particle distributions. *Proceedings of the 8<sup>th</sup> Biennial Conference of the Metrology Society of Australia*, Sunshine Coast, Australia, 30 September – 2 October 2009, pp. 1-8.

Wensing, M., Delius, W., Omelan, A., Uhde, E., Salthammer, T., He, C., Wang, H. and Morawska, L. Ultrafine (UFP) from laser printers – influence of the fuser unit temperature on the particle formation. *Proceeding of the 9<sup>th</sup> International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp. 1-4.

Wensing, M., Delius, W., Omelan, A., Uhde, E., Salthammer, T., He, C., Wang, H. and Morawska, L. Ultrafine particles (UFP) from laser printers: Chemical and physical characterization. *Proceedings of the 9<sup>th</sup> International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp.1-4.

Wang, H., Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. How to identify a high-emitting printer? *Proceeding of the 9<sup>th</sup> International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp. 1-4.

- He, C., Morawska, L., Jamriska, M. and Wang, H. Indoor and outdoor air pollutant characteristics of an office building in Brisbane, Australia. *Proceedings of the 9<sup>th</sup> International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp. 1-4.
- Morawska, L., Mengersen, K., Homes, N., Tayphasavanh, F., Darasavong, K. and Wang, H. Housing characteristics and Indoor Air pollution in Lao PDR. *Proceeding of the 9<sup>th</sup> International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp. 1-4.
- Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Wang, H., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. Printers and copiers: how to use science of emissions to minimize human exposures? *Proceeding of the 9<sup>th</sup> International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009 pp. 1-4.
- Friend, A., Ayoko, G.A., Stelcer, E. and Cohen, D. Source Identification and Source Apportionment of Air Pollutants in Brisbane, Queensland. *Proceeding of the 19<sup>th</sup> International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
- Elbagir, S., Ayoko, G.A. and Kokot, S. Elemental composition of house dust samples from some urban and suburban homes. *Proceeding of the 19<sup>th</sup> International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
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- Morawska, L., Ling, X. and Jayaratne, E.R. Nano and Ultrafine Particle Number Concentrations in Different Environments: Application towards Air Quality Regulations. *Proceeding of the 19<sup>th</sup> International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
- Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Wang, H., Uhde, E., Modini, R., McGarry, P., Bostrom, T., Ayoko, G.A. and Wensing, M. Ultrafine particle emission during the operation of laser printers. *Proceeding of the 19<sup>th</sup> International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
- Gao, N., Niu, J. and Morawska, L. Distribution characteristics of respiratory aerosols in enclosed environments. *Proceeding of the 1<sup>st</sup> International Postgraduate Conference on Infrastructure and Environment (IPCIE)*, Hong Kong, China, 5-6 June 2009, pp. 53-61.
- Wang, L., Jayaratne, E.R., Morawska, L., Heuff, D. and Jamriska, M. A Comparative Study of Airborne Particulate Pollution at Two Bus Stations of Different Site Geography. *Proceedings of the 11<sup>th</sup> International Conference on Air Distribution in Rooms (RoomVent 2009)*, Busan, Republic of Korea, 24-27 May 2009, pp. 1-6.

## **2008**

- Wang, L., Morawska, L. and Jayaratne, E.R. CFD modelling of ultrafine particle number concentration and dispersion at a bus station. *Proceeding of Indoor Air 2008, 11<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-7.
- Morawska, L., He, C., Wang, H., McGarry, P., Salthammer, T., Jayaratne, E.R., Johnson, G.R., Bostrom, T., Modini, R., Uhde, E., Ayoko, G.A. and Wensing, M. Particle Emission from Laser Printers: What are the particles and what makes a printer a high emitter? *Proceeding of Indoor Air 2008, 11<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-8.
- Morawska, L., Johnson, G.R., Ristovski, Z.D., Hargreaves, M., Mengersen, K., Chao, C., Wan, M., Li, Y., Xie, X. and Katoshevski, D. Droplets expelled during human expiratory activities and their origin. *Proceeding of Indoor Air 2008, 11<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-8.
- Knibbs, L.D., de Dear, R., Morawska, L. and Atkinson, S. On-road quantification of the key characteristics of automobile HVAC systems in relation to in-cabin submicrometer particle pollution. *Proceeding of Indoor Air 2008, 11<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-8.
- Ayoko, G.A., Blinco, J., Kirk, K. and Uhde, E. Exposure to airborne organic compounds inside passenger vehicles. *Proceeding of Indoor Air 2008, 11<sup>th</sup> International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-7.
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- Situ, R., Brown, R., Ristovski, Z.D., Kruger, U. and Hargreaves, D. Analysis of dual fuel compression ignition (diesel) engine. *Proceedings of the 7<sup>th</sup> International Conference on Modeling and Diagnostics for Advanced Engine Systems*, 2008, pp. 839-846.

## **2007**

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- Stevanovic, S., Miljevic, B., Surawski, N.C., Brown, R.J. and Ristovski, Z.D. The influence of oxygenated organic aerosols (OOA) and its volatile organic content on the oxidative potential of diesel particulate matter. Australian and New Zealand Aerosol Workshop, Murrumbidgee, New South Wales, Australia, 26-27 November 2012.
- Duchaine, C., Knibbs, L.D., He, C., Veillette, M., Pelletier, A., Charlebois, R. and Morawska, L. Microbial Content of Vacuum Cleaner Dust and Emitted Bioaerosols. American Association for Aerosol Research (AAAR) 31<sup>st</sup> Annual Conference, Minneapolis, Minnesota, USA, 8-12 October 2012.
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- Buonanno, G., Morawska, L., Stabile, L. and Viola, A. Caratterizzazione dimensionale di polveri in pizzerie: livelli di concentrazione e stima dell'esposizione. World PM2010 Congress & Exhibition, Florence, Italy, 10-14 October 2010.
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- Wardoyo, A., Morawska, L., Ristovski, Z.D., Jamriska, M. and Carr, S. Particle Characteristics Emitted from Grass Fires in the Northern Territory, Australia. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
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