

ILAQH Publications List

Full Refereed Conference Papers

2015

Pereira, M. et al. (inc. Morawska, L.) Risk assessment for airborne infectious diseases between natural ventilation and split-system air conditioner in a university classroom. 23rd ABCM International Congress of Mechanical Engineering, Rio de Janeiro, Brazil, 6-11 December 2015.

2014

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, 27-28 February 2014, Barcelona, Spain. Published in International Science Index: 0086, 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.

2013

Haigh, V., Kaur, G., Couperthwaite, S., Millar, G., Ayoko, G.A. and Frost, R.. Development of purification pathways for mineral wastewater. In: 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.

2012

Ayoko G, Bostrom T, Lim YH, Elbagir S. Elemental characterisation and detection of heavy metals in house dusts collected from sites in South-East Queensland, Australia, Proceedings of the 10th 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 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 7-10 February 2012, pp. 79-82.

2009

Friend, A., Ayoko, G.A., Stelcer, E. and Cohen, D. Source Identification and Source Apportionment of Air Pollutants in Brisbane, Queensland. Proceeding of the 19th 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 19th International Clean Air and Environment Conference, Perth, Australia, 6-9 September 2009, pp. 1-6.

Wardoyo, A.Y.P., Morawska, L., Ristovski, Z.D., Jamriska, M. and Carr, S. Particle Characteristics Emitted from Grass Fires in the Northern Territory, Australia. Proceeding of the 19th International Clean Air and Environment Conference, Perth, Australia, 6-9 September 2009, pp. 1-6.

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 19th 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 19th International Clean Air and Environment Conference, Perth, Australia, 6-9 September 2009, pp. 1-6.

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 9th International Conference on Healthy Buildings, Syracuse, NY, 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 9th International Conference on Healthy Buildings, Syracuse, NY, 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 9th International Conference on Healthy Buildings, Syracuse, NY, 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 9th International Conference on Healthy Buildings, Syracuse, NY, USA, 13-17 September 2009 pp. 1-4.

2008

Ayoko, G.A., Blinco, J., Kirk, K. and Uhde, E. Exposure to airborne organic compounds inside passenger vehicles. Proceeding of the 11th International Conference on Indoor Air Quality and Climate, Copenhagen, Denmark, 17-22 August 2008, pp. 1-7.

Wang, L. and Morawska, L. Characterizing and Predicting Ultrafine Particle Number Concentration in an Office by CFD Method. Proceeding of the First International Conference on Building Energy and Environment, Dalian, China, 13-16 July 2008, pp. 2107-2111.

Wang, L., Morawska, L. and Jayaratne, E.R. CFD modelling of ultrafine particle number concentration and dispersion at a bus

- station. Proceeding of the 11th International Conference on Indoor Air Quality and Climate, 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 the 11th International Conference on Indoor Air Quality and Climate, 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 the 11th International Conference on Indoor Air Quality and Climate, Copenhagen, Denmark, 17-22 August 2008, pp. 1-8.
- Situ, R., Brown, R., Ristovski, Z.D., Kruger, U. and Hargreaves, D. Analysis of dual fuel compression ignition (diesel) engine. Proceedings of the 7th International Conference on Modeling and Diagnostics for Advanced Engine Systems, 2008, pp. 839-846.
- 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 the 11th International Conference on Indoor Air Quality and Climate, Copenhagen, Denmark, 17-22 August 2008, pp. 1-8.

2007

- Morawska, L., Agranovski, V. and Moore, M. State of Epidemiological Evidence for Health Impacts of Ultrafine Particles. Proceeding of the 14th International IUAPPA World Congress, 9-13th September 2007, pp. 1-7.
- Ayoko, G.A. and El-tahir, S. Multivariate Statistical Evaluation of the Chemical Composition of Fine Particles: A Case Study. Proceeding of the 14th International IUAPPA World Congress, 9-13th September 2007, pp.1-5.
- Kumar, A., Bofinger, N. and Ayoko, G.A. Characterisation of Soluble Inorganic PM10 Aerosols in Brisbane. Proceeding of the 14th International IUAPPA World Congress, 9-13th September 2007, pp.1-6.
- Ong, S.T., Ayoko, G.A., Kokot, S. and Morawska, L. Polycyclic Aromatic Hydrocarbons in House Dust Samples: Source Identification and Apportionment. Proceeding of the 14th International IUAPPA World Congress, 9-13th September 2007, pp. 1-6.

2006

- Uhde, E., He, C. and Wensing, M. Characterisation of Ultrafine Particle Emissions from a Laser Printer. Proceeding of the Healthy Buildings Conference, Lisbon, Portugal, 4-8 June 2006.
- Morawska, L., Hargreaves, M., Ristovski, Z.D., Guo, H., Corbett, S. and Smith, G. The Impact of the Measuring Method on Droplet Detection from Human Expiration. Healthy Buildings, Lisbon, Portugal, 4-8 June 2006, pp. 560-560.
- Morawska, L. Guidelines on Building Design and Operation to Minimise Air Quality Impacts from Major Roads in Transit Oriented Development. Proceeding of the Healthy Buildings Conference, Lisbon, Portugal, 4-8 June 2006, pp. 270-270.

2005

- Jamriska, M., Morawska, L., Yip, M. and Madl, P. Airborne Particulate Matter at a Bus Station: Concentration Levels and Governing Parameter. Proceeding of the Indoor Air Quality and Climate Conference, Beijing, 4-9 September, 2005, pp. 1631-1635.
- Morawska, L. Droplet Fate in Indoor Environments or Can We Prevent the Spread of Infections. Proceeding of the Indoor Air Quality and Climate Conference, Beijing, 4-9 September, 2005, pp. 9-23.
- Morawska, L., He, C. and Gilbert, D. Indoor exposure to submicrometer particles and PM2.5 in residential houses in Brisbane, Australia. Proceeding of the Indoor Air Quality and Climate Conference, Beijing, 4-9 September, 2005, pp. 1641-1645.
- Roberston, S., Ayoko, G.A. and Duigu, J. Elemental and polycyclic aromatic hydrocarbon compositions of house dusts in Brisbane, Australia. Proceeding of the Indoor Air Quality and Climate Conference, Beijing, 4-9 September, 2005, pp. 1536-1540.
- Ayoko, G.A., Uhde, E., Wang, E. and Morawska, L. Multi-criteria ranking of Indoor Air quality in non-industrial environments. Proceeding of the Indoor Air Quality and Climate Conference, Beijing, 4-9 September, 2005, pp. 2134-2138.
- Wu, P., Ayoko, G.A., Morawska, L., Kokot, S. and Udhe, E. Characterisation of Indoor Air organic pollutants in Brisbane. Proceeding of the 17th International Clean Air & Environment Conference, Hobart, 3-6 May, 2005, pp. 1-6.
- Wardoyo, A., Morawska, L., Ristovski, Z.D. and Marsh, J. Particle Number and mass emission factors from combustion of wood samples collected from Queensland Forest. Proceeding of the 17th International Clean Air & Environment Conference, Hobart, 3-6 May, 2005, pp. 1-6.
- Jamriska, M., Jayaratne, E.R., Morawska, L. and Ayoko, G.A. Air pollution levels measured at traffic hot spots: Brisbane urban corridor study. Proceeding of the 17th International Clean Air & Environment Conference, Hobart, 3-6 May, 2005, pp. 1-6.
- Ayoko, G.A., Lim M. and Morawska, L. Assessing Health Risk Associated with airborne polycyclic aromatic hydrocarbons by Chemometrics and toxic equivalency factors. Proceeding of the 17th International Clean Air & Environment Conference, Hobart, 3-6 May, 2005, pp. 1-6.

2004

- Herngren, L., Goonetilleke, A. & Ayoko, G.A. Investigation of urban water quality using artificial rainfall. Proceeding of the WEF Watershed Conference, Dearborn, Michigan USA, 14 July 2004.

2003

- Ayoko, G.A., Uhde, E., Morawska, L., Kokot, S. and Gilbert, D. Multivariate evaluation of Indoor Air quality, building characteristics and SBS complaints. Proceeding of the 7th International Conference Healthy Buildings, Singapore 7-11 December, 2003.
- Lim, M., Ayoko, G.A. and Morawska, L. Elemental composition of airborne particles in traffic-affected Brisbane areas. Proceeding of the National Clean Air Conference: Linking Air Pollution Science, Policy and Management, 2003.
- Kelly, C.A., Brown, R.J. and Ayoko, G.A. Under water emissions from a two-stroke outboard engine - A comparison between an EAL and an equivalent mineral lubricant. Tribology in Environmental Design: The Characteristics of Interacting Surfaces - A Key Factor in Sustainable and Economic Products. Proceeding of the 2nd International Conference, Bournemouth, United Kingdom, 8-10 September, 2003.

- Kelly, C.A., Brown, R.J., Ayoko, G.A. and Scott, W. Underwater Emissions from a Two-Stroke Outboard Engine: Can the Type of Lubricant Make a Difference? Proceeding of the National Environment Conference: Brisbane Convention and Exhibition Centre, Queensland, Australia 18 - 20 June, 2003.
- Jamriska, M. and Uhde, E. Particle collection efficiency of sorbent tubes. Proceeding of the 7th International Conference Healthy Buildings, Singapore 7-11 December, 2003.
- Hasselaar, E., Klunder, G., and Morawska, L. Integrating health and sustainability in life cycle assessment. Proceeding of the 7th International Conference Healthy Buildings, Singapore, 7-11 December, 2003.
- Uhde, E., Ayoko, G.A. and Morawska, L. VOC and fine particles in a newly renovated building: A case study. Proceeding of the 7th International Conference Healthy Buildings, Singapore, 7-11 December, 2003.
- He, C., Morawska, L., Hitchins, J. and Gilbert, D. A pilot on the effect of indoor particle sources on indoor particle concentration in residential houses. Proceeding of the 7th International Conference Healthy Buildings, Singapore, 7-11 December, 2003.
- He, C., Morawska, L., Hitchins, J. and Gilbert, D. Indoor and outdoor nitrogen dioxide concentration in residential houses in Australia. Proceeding of the 7th International Conference Healthy Buildings, Singapore, 7-11 December, 2003.
- Morawska, L. and He, C. Relationship between indoor/outdoor concentrations of particles: A critical review. Proceeding of the 7th International Conference Healthy Buildings, Singapore, 7-11 December, 2003.
- Morawska, L. How can land and urban development make house healthier? Proceeding of the 7th International Conference Healthy Buildings, Singapore, 7-11 December, 2003.
- Lim, M., Ayoko, G.A. and Morawska, L. Elemental composition of airborne particles in traffic affected Brisbane areas. Proceeding of the National Clean Air Conference, Newcastle, 23-27 November, 2003.
- Jamriska, M., Morawska, L., Thomas, S. and He, C. Diesel Bus Emissions of Submicrometer Particles Measured in a Tunnel Study. Proceeding of the National Clean Air Conference, Newcastle, 23-27 November, 2003.
- Ristovski, Z.D., Morawska, L., Moore, M., Agranovski, V., Swanson, C. and Hughes, D. The impact of sulphur content of diesel fuel on ultrafine particle formation. Proceeding of the National Clean Air Conference, Newcastle, 23-27 November, 2003.
- Morawska, L., Thomas, S., Jamriska, M., Ferreira, L. and McGregor, F. Quantification of motor vehicle emission factors from on road measurements. Proceeding of the National Clean Air Conference, Newcastle, 23-27 November, 2003.
- Ayoko, G.A., Morawska, L., Ristovski, Z.D., Jayaratne, E.R., Lim, M. and Kokot, S. Multivariate modelling and prediction of aerosol emission from diesel engines. Proceeding of the European Aerosol Conference, Madrid, Spain, 31 August – 5 September, 2003.
- Gramotnev, G., Ristovski, Z.D., Brown, R., Morawska, L. and Madl, P. A new method of determination of emission factors with of vehicles on a busy road. Proceeding of the European Aerosol Conference, Madrid, Spain, 31 August – 5 September, 2003.

2002

- Agranovski, I., Agranovski, V., Grinshpun, S., Willeke, K. and Reponen T. New technique for personal sampling of viable airborne microorganisms. Proceeding of the AIHce. San-Diego, USA, 2002.
- Agranovski, I.E., Agranovski, V., Grinshpun, S.A., Willeke, K. and Reponen T. New personal sampler for viable airborne bacteria. Proceeding of the Australian Hygiene Conference (AIOH), Wollongong, Australia, 2002.
- Ristovski, Z.D. Formation of nanoparticles in the exhaust of diesel busses for different levels of fuel sulfur content. Proceeding of the 6th International ETH-Conference on Nanoparticle Measurement, August 2002.
- Ristovski, Z.D., Jayaratne, E.R., Lim, L., Ayoko G.A., and Morawska, L. Influence of the fuel sulfur content on the particulate emission from a bus city fleet. Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand, 19 - 22 August 2002.
- Ristovski, Z.D., Jayaratne, E.R., Lim, M., Ayoko, G.A. and Morawska, L. Comparison of emissions from a selection of passenger vehicles operating on unleaded petrol and LPG fuel. Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand, 19 - 22 August 2002.
- Morawska, L., He, C., Ayoko, G.A., Hargreaves, M., Hitchins, J., Parappukkaran, S. and Gilbert, D. Multiparameter investigations of air pollutant levels and contributing sources in residential houses in Brisbane. Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand, 19 - 22 August 2002.
- Lack, D., Bofinger, N. and Wiegand, A. The effect of propene on secondary organic aerosol formation from toluene & m-xylene. Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand, 19-22 August 2002.
- Bofinger, N., Wiegand, A. and Lack. Secondary organic aerosol: The yield parameter. Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand, 19-22 August 2002.
- McGregor, F., Ferreira, L., Morawska, L., Jamriska, M. and Thomas, S. Modelling of particle concentrations from motor vehicles in urban environments. Proceeding of the ICTTS, Guilin, China, 23-25 July 2002.
- Nathanson, T., Morawska, L., and Jamriska, M.. Filter performance guidelines for good IAQ. Proceeding of the Indoor Air 2002: 9th International Conference on Indoor Air Quality and Climate, Proceedings, Volume 2. Monterey, California, June 30 – July 5, 2002.
- Jamriska, M. and Morawska, L. Air filtration in an office building: from design to validation. Proceeding of the 9th International Conference on Indoor Air Quality and Climate, Monterey, California, 30 June – 5 July, 2002.
- Jamriska, M., Morawska, L. and Nathanson, T. Characterisation of filter performance in relation to outdoor air quality. Proceeding of the 9th International Conference on Indoor Air Quality and Climate, Monterey, California, 30 June – 5 July, 2002.

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- Agranovski, I., Agranovski, V., Grinshpun, S., Reponen, T. and Willeke, K. New personal sampler for viable bioaerosol particles. Proceeding of the European Aerosol Conference, Leipzig, Germany, 3-7 September 2001.
- Agranovski, I., Agranovski, V., Grinshpun, S., Reponen, T. and Willeke, K. New method of collection of viable airborne microorganisms. Proceeding of the European Aerosol Conference, Leipzig, Germany, 3-7 September 2001.
- Ayoko, G.A., Colwell, J. and Morawska, L. A chemical analysis of organic aerosols near a busy road junction in Brisbane, Australia. Proceeding of the European Aerosol Conference, Leipzig, Germany, 3-7 September 2001.

2000

- Morawska, L. Particles In Indoor Air: What Do We Know About Them? Proceeding of the 4th International Indoor Air Quality Symposium- Current IAQ Practices Worldwide. Orlando, USA, May 2000.
- Morawska, L. Will “environmental” be replaced by “extrasensory”? Or, how to get from big and global, to something that works and is achievable? Proceeding of the Environmental Software Systems: Environmental Information and Decision Support, 3rd International Symposium, Norwell, MA, USA, 2000.
- Morawska, L. and Thomas, S. Modality of ambient particle distributions as a basis for developing air quality regulations. Proceeding of the Clean Air and Environment Conference, Sydney, Australia, 26-30 November 2000.
- Jamriska, M. and Morawska, L. The effect of surface deposition, coagulation and ventilation on submicrometer particles indoors. Proceeding of the Clean Air and Environment Conference, Sydney, Australia, 26-30 November 2000.
- Morawska, L. and Thomas, S. The relationship between relative humidity and size of ambient aerosol particles. Proceeding of the Clean Air and Environment Conference, Sydney, Australia, 26-30 November 2000.
- Jamriska, M., Morawska, L. and Ensor, D. Assessment of the effect of air filtration and ventilation on reduction of exposure to submicrometer particles indoors. Proceeding of the Healthy Buildings Conference, Espoo, Finland, 6-10 August 2000.
- Morawska, L. Control of particles indoors – state of the art. Proceeding of the Healthy Buildings Conference s, Espoo, Finland, 6-10 August 2000.
- Morawska, L. Indoor Air policies and programs in Australia. Proceeding of the Healthy Buildings Conference, Espoo, Finland, 6-10 August 2000.
- Morawska, L. The impact of ultrafine particles from outdoor combustion sources on IAQ. Proceeding of the Healthy Buildings Conference, Espoo, Finland, 6-0 August 2000.

1999

- Johnson, L., Jamriska, M., Morawska, L. and Ferreira, L. Vehicle emissions in Australia: from monitoring to modelling. Proceeding of the Urban Transport and the Environment Conference, Rhodes, Greece, 8-10 September 1999.
- Agranovski, V., Morawska, L., Ristovski, Z.D. and Jamriska, M. Evaluation of electrostatic performance for submicron particle size range. Proceeding of the Indoor Air Conference, Edinburgh, Scotland, 8-13 August, 1999.
- Hitchins, J, Morawska, L. and Gilbert, D. Horizontal distribution of submicrometre particles from vehicle emissions near a major road: Implication for building location. Proceeding of the Indoor Air Conference, Edinburgh, Scotland, 8-13 August, 1999.

1997

- Dharmasiri, J.K., Morawska, L. and Hillier, J. Isotope studies on mechanisms of Groundwater recharge to an alluvial aquifer in Gatton, Queensland. Proceeding of the Second International Conference on Isotopes, Sydney, 12-16 October 1997.
- Morawska, L., Jamriska, M. and Francis, P. Particle characterisation in surgical theatres. Proceeding of the Healthy Buildings/IAQ International Conference. Washington DC, USA, 27 September - 2 October, 1997.

1996

- Morawska, L., Bofinger, N., Thomas, S., Wainwright, D. and Neale, D. Characterisation of airborne particulate pollution. Proceeding of the 13th International Clean Air & Environment Conference, Adelaide, September, 1996.
- Thomas, S., Morawska, L. and Bofinger, N. Ultra-trace metal characterisation of airborne particulate matter. Proceeding of the 13th International Clean Air & Environment Conference, Adelaide, September, 1996.
- Jamriska, M. and Morawska, L. The effect of ventilation and filtration on reduction of Indoor Air exposure to submicron pollutant particles. Proceeding of the 7th International Conference on Indoor Air Quality and Climate, Nagoya, Japan July 1996.
- Morawska, L. and Hitchins, J. Dose assessment from Indoor Air particulates. Proceeding of the 7th International Conference on Indoor Air Quality and Climate, Nagoya, Japan, July 1996.
- Lyons, R. and Morawska, L. Cross sectional characterisation of indoor exposure to particulate pollution. Proceeding of the 7th International Conference on Indoor Air Quality and Climate, Nagoya, Japan, July 1996.

1995

- Morawska, L., Jamriska, M. and Hitchins, J. The effect of ventilation on environmental tobacco smoke characteristics in a sub-tropical climate. Proceeding of the Healthy Buildings Conference, Milano, Italy, September 1995.

1993

- Morawska, L. and Jamriska, M. The effects of ETS and other combustion products on the indoor concentration levels of radon progeny and activity size spectrum. Proceeding of the 6th International Conference on Indoor Air Quality and Climate, Finland, July 1993.

Other – Refereed Scholarly Conference Papers / Abstracts

2016

- Cravigan, L., Ristovski, Z., Alroe, J, Mallet, M., Miljevic, B., Selleck, P., Keywood, M., Ward, J., Molloy, S., and Humphries, R. Contributions to Southern Ocean cloud condensation nuclei inferred from water uptake and volatility. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Humphries, R. Keywood, M., Ward, J., Cravigan, L., Ristovski, Z. and Jayaratne, R. Atmospheric gradients of aerosol properties across the Antarctic Polar Front. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Jayaratne, E.R., Pushpawela, B., He, C., Morawska, L. and Gao, J. First Observations of New Particle Formation in Beijing using a Neutral Cluster and Air Ion Spectrometer (NAIS). 12th Annual Workshop of the Australia New Zealand Aerosol Assembly.

- Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Porncharoen, S., Jayaratne, E.R., Chen, J., Ye, X., Li, C. and Morawska, L. Airborne Particle Concentration in the Yangtze River Basin. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Pushpawela, B., Jayaratne, E.R. and Morawska, L. The balance between charged and neutral particles and clusters in the Brisbane airshed. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Jayaratne, E.R., Cravigan, L., Alroe, J. and Ristovski, Z. Neutral Cluster and Air Ion Spectrometer (NAIS) measurements during the passage across the southern polar front. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Nguy, A., Jayaratne, E.R., Pushpawela, B. and Morawska, L. Efficiency of an Ionizer in Cleaning Airborne Particles. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- McGarry, P., Clifford, S., Knibbs, L.D., He, C. and Morawska, L. Application of multi-approach to characterisation of particle emissions from nanotechnology processes. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Akbarnezhad, S., Soltani, A., Morawska, L. and Rainey, T. Experimental investigation on filtration efficiency of quartz fibrous filters in capturing soot aerosol particles. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Villa, T., Jayaratne, R., Morawska, L. and Gonzales, F. Monitoring above-ground airborne pollution using unmanned aerial vehicles. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Mabon, A., Liu, X., Asumadu-Sakyia, A.B., Nyarku, M., Jayaratne, E.R., Morawska, L. and Dunbabin, M. Laboratory assessment of external factors influence on Low-cost PM sensors readings. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Liu, X., Mabon, A., Asumadu-Sakyi, A.B., Nyarku, M., Mazaheri, M., Jayaratne, E.R., Morawska, L. and Dunbabin, M. Experimental evaluation of low cost PM sensor for urban air quality monitoring. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Xiu, M., Rahman, M.M., Pourkhesalian, A.M., Nguyen, H., Stevanovic, S., Morawska, L. and Thai, P. Preliminary characterization of emission from burning waste paper briquettes and other commercial fuels. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Rizza, V., Stabile, L., Buonanno, G. and Morawska, L. Variability of airborne particle metrics in urban area. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- Yeganeh, B. The application of remote sensing technology in air quality modelling. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly. Queensland University of Technology, Brisbane, Australia, 4-5th August 2016.
- 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. 9th International Conference on Indoor Air Quality, Ventilation & Energy Conservation in Buildings (IAQVEC2016).
- Morawska, L., Kumar, P., Jabbour, N., Jayaratne, R., Johnson, G., Alroe, J., Uhde, E., Salthammer, T., Cravigan, L. and Faghihi, E.M. Production of Ultrafine Particles during Concrete Fracture. European Aerosol Conference 2016, Tours, France, 4-9 September 2016.
- He, C., Mackay, I., Ramsay, K., Liang, Z., Kidd, T., Knibbs, L.D., Johnson, G., Coulthard, M., Long, D., Williams, T., Wainwright, C. and Morawska, L. Characteristics of Particles Concentration in a Paediatric Intensive Care Unit (PICU). European Aerosol Conference 2016, Tours, France, 4-9 September 2016.
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