The Airborne Infection Spread in Buildings – It’s Time to Stop It

ISIAQ Webinar Series: Spread of Infectious Diseases in Indoor Environments
Tuesday, May 26 @ 5am UTC

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Short summary:
- Airborne spread of infection- scientific basis
- Engineering controls
- Focus on ventilation: is air exchange rate all what we need to know?
- Focus on the direction of the air flow: do we ever talk about this?
- What can we do to make the world listen?

Bio:

Lidia Morawska is a Professor in the School of Earth and Atmospheric Sciences, Faculty of Science & Engineering, Queensland University of Technology (QUT) in Brisbane, Australia, the Director of the International Laboratory for Air Quality and Health (ILAQH) at QUT, which is a WHO Collaborating Centre on Air Quality and Health, and a Co-Director in Australia for the , Australia – China Centre for Air Quality Science and Management (ACC – AQSM). She conducts fundamental and applied research in the interdisciplinary field of air quality and its impact on human health and the environment, with a specific focus on science of airborne particulate matter. Professor Morawska is a physicist and received her doctorate at the Jagiellonian University, Krakow, Poland for research on radon and its progeny. Prior to joining QUT she spent several years in Canada conducting research first at McMaster University in Hamilton as a Fellow of the International Atomic Energy Agency, and later at the University of Toronto. Professor Morawska is an author of over six hundred journal papers, book chapters and conference papers. She has also been involved at the executive level with a number of relevant national and international professional bodies and has been acting as an advisor to the World Health Organization. She is a past President of the International Society of Indoor Air Quality and Climate.