

## CV – Christina Isaxon 2014-02-25

Name: Christina Isaxon. Date of birth: 680303-3940. Address: Mäster Henriksgatan 3e, 21158, Malmö.  
Telephone: +46 46 222 39 45, +46707778587. E-mail: Christina.isaxon@design.lth.se

### Academic education and degrees

2014 PhD in Aerosol Technology  
2009 Master in Environmental Engineering

### Research focus

Indoor and workplace air. Aerosol characterization and generation. How airborne particles affect human health, and why.

### Academic leadership and supervision

Supervised 2 diploma workers

### Some publications

Isaxon C., (2014) Aerosol characterization in real life and a methodology for human exposure studies in controlled chamber settings. Doctoral Thesis ISBN 978-91-7473-857-5

Hagerman I., Isaxon C., Gudmundsson A., Wierzbicka A., Dierschke K, Berglund M., Pagels J.H., Nielsen J., Assarsson E, Andersson U.B., Xu Y., Jönsson B.A.G., Bohgard M. (2014) Effects on Heart Rate Variability by Artificially Generated Indoor Nano-sized Particles in a Chamber Study. Accepted for publication in Atmospheric Environment

Hedmer M., Isaxon C., Nilsson P.T., Ludvigsson L., Messing M.E., Genberg J., Skaug V., Bohgard M., Tinnerberg H., Pagels J.H.(2014). Exposure and Emission Measurements During Production, Purification, and Functionalization of Arc-Discharge-Produced Multi-walled Carbon Nanotubes. Annals of Occupational Hygiene. Doi: 10.1093/annhyg/met072

Isaxon C., Dierschke K., Pagels J.H., Wierzbicka A., Gudmundsson A., Löndahl J., Hagerman I., Berglund M., Assarsson E., Andersson U.B., Jönsson B.A.G., Nøjgaard J.K., Eriksson A., Nielsen J., Bohgard M. (2013) Realistic indoor nano-aerosols for a human exposure facility. Journal of Aerosol Science 60: 55-66

Isaxon C., Dierschke K., Pagels J., Löndahl J., Gudmundsson A., Hagerman I., Berglund M., Wierzbicka A., Assarsson E., Andersson U.B., Jönsson B.A.G., Messing M.E., Nielsen J., Bohgard M. (2013). A Novel System for Source Characterization and Controlled Human Exposure to Nanoparticle Aggregates Generated During Gas–Metal Arc Welding. Aerosol Science and Technology 47: 52-59

Morawska L., Afshari A., Bae G.N., Buonanno G., Chao C. Y. H., Hänninen O., Hofmann W., Isaxon C., Jayaratne E. R., Pasanen P., Salthammer T., Waring M, Wierzbicka A. (2013). Indoor aerosols: from personal exposure to risk assessment. Indoor Air 23(6): 467-487.

### Other scientific commissions or merits

2013- Won the region final of Research Grand Prix at Lund University  
2012 Co-organizer of Workplace and Indoor Aerosol conference, Lund

### Teaching experience

2010-onwards Administrator of Course in Aerosol Technology  
2014-onwards Administrator of course Arbetsmiljö, Människa, Säkerhet