

Curriculum Vitae

Personal Information

Name: Bingbing Shi

Gender: Female

Date of birth: August 6, 1983

Nationality: Chinese

Address:

Maskingränd 2, plan 7

Building Services Engineering

Department of Energy and Environment

Chalmers University of Technology

SE-412 96 Göteborg, Sweden

Tel: +46(0)31-772 11 50, **Fax:** +46(0)31-772 11 52

E-mail: bingbing.shi@chalmers.se

Education

September 2008—Present: Student for Ph.D., Department of Energy and Environment, Chalmers University of Technology, Göteborg, Sweden

Major: Building Services Engineering

September 2005—June 2008: Student for Master Degree, School of Energy Science and Engineering, Central South University, Changsha, Hunan, P. R. China

Major: Refrigeration and Cryogenics Engineering

September 2001--June 2005: Student for Bachelor Degree, School of Energy Science and Engineering, Central South University, Changsha, Hunan, P. R. China

Major: Thermal Energy and Power Engineering

Publications

1. **Shi, B. ; Ekberg, L. ; Trüschel, A. et al.** (2012). Influence of filter fiber material on removal of ultrafine and submicron particles using carbon fiber ionizer-assisted ventilation air filters. *ASHRAE Transactions, Winter Conference of the American-Society-of-Heating-Refrigerating-and-Air-Conditioning-Engineers (ASHRAE), Chicago, 2012, USA.*
2. **Ekberg, L. ; Shi, B.** (2012). Luftfilter och Luftrenare frö bra inneluft. *Proceedings of Inomhusklimat, Örebro, Sweden.*
3. **Shi, B. ; Ekberg, L. ; Langer, S.** (2011). Removal of ultrafine particles and particles of the most penetrating size by new intermediate class filters. *Proceedings of the Indoor Air 2011 Conference, Austin, TX, USA.*
4. **Ekberg, L. ; Shi, B.** (2011). Kan ventilationsfilter fånga ultrafina partiklar inomhus. *Husbyggaren - SBR - Svenska Byggingenjörers Riksförbund . 1* (2011) p. 24-25.
5. **Kadribegovic, R. ; Ekberg, L. ; Gilligan, A. ; Shi, B.** (2011). Air Cleaning by Photo Catalytic Oxidation: An Experimental Performance Test. *ASHRAE Transactions. Winter Conference of the American-Society-of-Heating-Refrigerating-and-Air-Conditioning-Engineers (ASHRAE), Las Vegas, 2011.* 117 p. 426-433.
6. **Shi, B. ; Ekberg, L. ; Afshari, A. et al.** (2010). The effectiveness of portable air cleaners against tobacco smoke in multizone residential environments. *Proceedings of the CLIMA 2010 Conference: 10th REHVA World Congress 'Sustainable Energy use in Buildings', Antalya, Turkey.*
7. **Ekberg, L. ; Shi, B.** (2010). Removal of ultrafine particles by ventilation air filters. *SWESIAQ conference Nordic Indoor Air Update, Stockholm, 2010.*
8. **Afshari, A. ; Shi, B. ; Bergsøe, N. et al.** (2010). Quantification of ultrafine particles from second-hand tobacco smoke infiltration. *Proceedings of the CLIMA 2010 Conference: 10th REHVA World Congress 'Sustainable Energy use in Buildings', Antalya, Turkey.*
9. **Afshari, A. ; Bergsøe, N.C.; Shi, B. et al.** (2010). Naborøg og overførsel af partielforurening . *HVAC - Magasin for klima- og energiteknik, miljø, bygningsinstallationer & -Netværk.* 1 (2010) p. 24-30.
10. **Shi, B. ; Ekberg, L. ; Fahlén, P.** (2009). Ultrafine particles control strategy in printer rooms: model and experiment study on portable air cleaner and HVAC combination. *Proceeding of Healthy Buildings 2009, Syracuse, USA , (Paper 48) 5 pages.*
11. **Ekberg, L. ; Shi, B.** (2009). Removal of ultrafine particles by ventilation air filters. *Proceeding of Healthy Buildings 2009, Syracuse, USA, (Paper 97) 4 pages.*
12. **Deng, Q. ; Shi, B.** (2009). Source Apportionment and Chemical composition of particulate matter (PM10) in university classrooms. *Journal of Central South University.* 40 (2) p. 332-328.
13. **Shi, B.; Deng, Q.; Li, J.; Lu, C.**(2008). Source Apportionment and Chemical Composition of PM10 in University Classrooms of Changsha, China. *Proceedings of the COBEE 2008 conference, Dalian, China, T03-81.*
14. **Shi, B.; Deng, Q.; Lu, Q.; W.; Li, J.**(2007). MASS CONCENTRATION OF AIRBORNE PARTICULATE MATTER IN CLASSROOMS OF CHINA. *Proceedings of the 22nd International Congress of Refrigeration, Beijing, ICR07-E1-900.*