

Daily Program – Day 1

what is about

value of MZC

Wednesday, August 10
Field A – Grand Ballroom A

- 06:00a Registration Open & Breakfast
- 08:00a First Day Welcome
- 08:15a Plenary Session: Dr. John Howard
- 09:00a Break and Poster Visitation

Morning Session 1 - Exposure assessment techniques (1.A) - Derk Brouwer

- 09:30a **Real-time Particle Mass Spectrometry Based on Micro Resonators**
S. Schmid, T. Larsen, A. Boisen (*Technical University of Denmark, Denmark*)
- 09:45a **Portable System for Detailed Aerosol Analysis in the Workplace**
C. Asbach, H. Kaminski, N. Azong-Wara, B. Stahlmecke, H. Fissan, T. A. J. Kuhlbusch, D. Brossell, H. Horn (*Institute of Energy and Environmental Technology, Germany*)
- 10:00a **Functionality-enhancing Features of the Aerasense Ultrafine Particle Monitor**
J. Marra (*Royal Philips Electronics, Netherlands*)
- 10:15a **A Novel IOSH-NCTU Personal Nanoparticle Sampler**
C. Tsai, S. Hung, C. Liu, S. Chen, S. Uang, Y. Cheng, Y. Zhou (*National Chiao Tung University, Taiwan*)
- 10:30a **Development of a Personal Nanoparticle Respiratory Dose (NRD) Sampler**
L. G. Cena, T. R. Anthony, T. M. Peters (*University of Iowa, United States*)

10:45a Break and Poster Visitation

Morning Session 2 - Worker exposure assessment (1.B) - Jing Wang

- 11:00a **Workplace Air Measurements and Likelihood of Exposure to Manufactured Nano-Objects: Results from an EU Measurement Campaign**
D. Brouwer, B. van Duuren-Stuurman, M. Berges, C. Moehlmann, J. Pelzer, E. Jankowska, D. Bard, D. Mark (*TNO Quality of Life, Netherlands*)
- 11:15a **Occupational Exposure Assessment in Carbon Nanotube and Nanofiber Primary and Secondary Manufacturers**
M. Dahm, D. Evans, M. Schubauer-Berigan, E. Birch, J.A. Deddens (*National Institute for Occupational Safety and Health, United States*)
- 11:30a **Potential for Exposure During Cleanout Operations of a Reactor Producing Nanocomposite Thin Films Embedded with Silver Nanoparticles**
O. Witschger, S. Bau, B. Bianchi, R. Wrobel, V. Matera (*National Institute for Research and Safety (INRS), France*)
- 11:45a **Nanocomposite Safety: Findings from the Exposure Assessment Activities of the NANCORE Project**
S. M. Hankin, G. Fern (*Institute of Occupational Medicine, United Kingdom*)

Handwritten notes in Chinese characters, possibly related to the session topics.