

WELCOME TO THE 1 nm WORKSHOP July 24th 2018!



Join us in discussing the relevance and requirements of measuring the very smallest aerosol particles indoors, with special focus on particles with diameter down to 1 nm. The event will take place at the Indoor Air conference venue in Philadelphia, at 4:30 pm – 6:00 pm. If you have a special topic you would like to add to the agenda, please let us know.

4:30 pm INTRODUCTIONS

Minna Väkevä, Airmodus:

Welcome & Why are 1 nm particles important indoors – or are they? 10 min

Introduction of all the participants.

HIGHLIGHT: Brandon Boor, Purdue University

Single Digit Nanoaerosols in Indoor Environments: Sources and HVAC Filtration 20 min

BRAINSTORMING

60 min

Marina Vance, University of Colorado Boulder

HOMEChem project – short introduction to initiate discussion

Discussion items include e.g.:

- what is the relevance of single digit nano aerosol
 - o health ?
 - o < 6 nm, 6-200 nm, < 3 nm
 - o as an early indicator of ultrafine particles ?
 - o composition & chemistry ?
- the most important sources and precursors
- nucleation vs growth of the nano particles
- what are the aspects that need to be better known
- what are the important aspects when measuring the nanoparticles
 - o sampling, calibration, ambient parameters
- Other topics

6:00 pm END OF THE WORKSHOP

Please register by email: minna.vakeva@airmodus.com or chen.ping@handix.com

LOOKING FORWARD TO SEEING YOU IN PHILADELPHIA!

AIRMODUS