

Poster Session II

- PS2 - 1. **Nonne Prisle:** Probing structure and chemical properties of freestanding clusters with synchrotron radiation Part II: aqueous salt clusters and atmospheric applications
- PS2 - 2. **Delphine Vardanega:** Phase changes in carboxylic acid/water aerosols: a molecular dynamics study
- PS2 - 3. **Li-Hao Young:** Performance evaluation of a VTDMA-APM system for the volatility and effective density of ultrafine particles
- PS2 - 4. **Katherine Nadler:** Temperature dependent spectroscopy of single model sea spray aerosol
- PS2 - 5. **Noora Hyttinen:** Computational study of the chemical ionization of highly oxidized OH-initiated oxidation products of butadiene using different reagent ions
- PS2 - 6. **Matti Rissanen:** Investigating the gas-phase formation of organic sulfur compounds from atmospheric volatile organic compound oxidation reactions
- PS2 - 7. **Lauriane Quéléver:** Measuring the temperature response of highly oxidized multifunctional (HOM) molecules
- PS2 - 8. **Ximeng Qi:** HOM concentrations and their contributions to initial growth at the boreal forest of Finland (SMEAR II station) and urban China (Sorpes station)
- PS2 - 9. **Liine Heikkinen:** Impact of aerosol liquid water content and acidity on the fate of nitrogen containing SOA species formed from α -pinene ozonolysis
- PS2 - 10. **Rui Han:** Spatial and temporal variation of haze in China from 1961 to 2012
- PS2 - 11. **Monica Passananti:** What happens to sulfuric acid-amine clusters inside the API-ToF?
- PS2 - 12. **Sainan Wang:** Intramolecular H-migrations in certain types of peroxy radicals in the urban atmosphere
- PS2 - 13. **Siddharth Iyer:** Detection of HO₂ and cyclohexene ozonolysis radicals and products by an iodide-CIMS
- PS2 - 14. **Simon Schallhart:** Anthropogenic and biogenic VOC fluxes from a boreal forest in south Finland
- PS2 - 15. **Xucheng He:** Measurement of gas phase iodine-containing compounds
- PS2 - 16. **Alexei Kiselev:** Heterogeneous nucleation of NaCl dihydrate in supercooled droplets of sea salt analog solution
- PS2 - 17. **Marzieh Khansari:** Deriving particle growth rate proxy based on satellite data
- PS2 - 18. **Aki Virkulla:** Aerosol optical properties during a polluted winter period at Sorpes, a regional background station in Nanjing, China
- PS2 - 19. **Katri Leino:** New particle formation inside the evolving boundary layer
- PS2 - 20. **Sophie Haslett:** Highly-controlled, reproducible measurements of aerosol emissions from biomass combustion
- PS2 - 21. **Martha Arbayani Zaidan:** Neural network classifier on time series features for predicting atmospheric particle formation days
- PS2 - 22. **Qiaozhi Zha:** Measurement of HOMs at two different heights: influence of planetary boundary layer on HOM chemistry
- PS2 - 23. **Arttu Ylisirniö:** The effect of oxidative aging on chemical composition and volatility of SOA from α -pinene and real plant emissions
- PS2 - 24. **Hanna Manninen:** Zeppelin-led study on the onset of new particle formation
- PS2 - 25. **Lubna Dada:** Accuracy of 'apparent' particle formation rates calculated forward and backward
- PS2 - 26. **Robert Chellapermal:** IMS coupled with a tof-MS for high-resolution ambient gas and aerosol analysis
- PS2 - 27. **Santtu Mikkonen:** Organics dominating over ammonia and sulphuric acid in formation and growth of new particles

- PS2 - 28. **Anna Nikandrova:** Attribution of aerosol layers from ground based lidar and airborne in situ measurements
- PS2 - 29. **Jukka-Pekka Keskinen:** MOA sources in a global chemistry transport model
- PS2 - 30. **Heikki Junninen:** Arctic aerosols and particle formation in northern Greenland
- PS2 - 31. **Lisa Beck:** Concurrent new particle formation events at two alpine mountain observatories in the Alps
- PS2 - 32. **Putian Zhou:** Effective BVOCs exchange of boreal forests: emissions versus in-canopy sinks
- PS2 - 33. **Minsu Park:** Aerosol size distribution and new particle formation measured on a 300 m observation tower
- PS2 - 34. **Niku Kivekäs:** 10 years of cloud droplet activation data from Pallas atmosphere-ecosystem supersite in sub-arctic Finland
- PS2 - 35. **Joel Alroe:** Hygroscopic contribution of semi-volatile species to CCN-relevant aerosol
- PS2 - 36. **Simon Gruber:** Contrails in a weather forecast model - influence on cirrus clouds and the radiation budget
- PS2 - 37. **Stephen Noble:** Extracting particle solubility through comparisons of CCN and particle size distributions
- PS2 - 38. **Sara Forestieri:** Establishing the impact of model surfactants on cloud condensation nuclei activity of sea spray aerosols
- PS2 - 39. **Jana Preissler:** The impact of aerosol composition on microphysical cloud properties observed at Mace Head, Ireland
- PS2 - 40. **Kirsten Fossum:** Aerosol physico-chemical and CCN properties in and around Antarctica during the austral summer
- PS2 - 41. **Ksenia Tabakova:** Interaction between aerosols and liquid clouds in boreal forest zone observed during BAECC campaign
- PS2 - 42. **Xiangrui Kong:** A continuous flow diffusion chamber study of sea salt particles acting as cloud seeds: deliquescence, ice nucleation and sublimation
- PS2 - 43. **Darius Ceburnis:** Climatic implications of particulate matter: dimming or brightening?
- PS2 - 44. **Tuukka Petäjä:** 50 years of ecological research and 25 years of comprehensive atmosphere-biosphere interaction
- PS2 - 45. **Ki-Tae Park:** Evidence for the formation of DMS-derived aerosols during arctic phytoplankton blooms
- PS2 - 46. **Krista Luoma:** Multiple scattering correction for different aethalometer correction algorithms at the SMEAR II station
- PS2 - 47. **Chang Hoon Jung:** Sensitivity on the optical properties for hulis aerosol at Anmyeon island, Korea
- PS2 - 48. **Yayoi Inomata:** Transboundary transport of anthropogenic sulfur in PM_{2.5} at a coastal site in the sea of Japan
- PS2 - 49. **Priyanka Kumari:** A study of the seasonal variations in spectral diffuse and direct beam solar irradiance over Delhi
- PS2 - 50. **Michel Attoui:** Design and calibration of 1nm butanol CPC
- PS2 - 51. **Juha Kangasluoma:** Electrospray generation of singly charged sub-4 nm clusters
- PS2 - 52. **Tiia Laurila:** Improved counting statistics of an ultrafine DMPS system by utilizing ultrafine A20 CPC with optics flow rate of 2.5 lpm
- PS2 - 53. **Maija Peltola:** Particle growth rates from nucleation mode to cloud condensation nuclei sizes