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 (SMER 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 PM2.5 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