**Poster Session I**

PS1 - 1. **Angela Buchholz**: The effect of relative humidity and chemical composition on the evaporation of SOA particles

PS1 - 2. **Roope Halonen**: Molecular dynamics and isothermal homogeneous nucleation

PS1 - 3. **Jonathan Barrett**: Tolman length and rigidity constants for the hard-core Yukawa fluid

PS1 - 4. **Michael Anisimov**: Impact of phase transitions in condensed phases on the geometry of vapor nucleation rate surfaces

PS1 - 5. **Evgeni Zapadinsky**: Non-equilibrium cluster properties and non-isothermal nucleation

PS1 - 6. **Victor Kurasov**: Metastable phase decay at the decreasing rate of growth

PS1 - 7. **Miska Olin**: Finding H$_2$SO$_4$-H$_2$O nucleation rates in high H$_2$SO$_4$ concentrations

PS1 - 8. **Nonne Prisle**: Probing structure and chemical properties of freestanding clusters with synchrotron radiation Part I: the muscle cluster source

PS1 - 9. **Daniel Schlesinger**: Water accommodation on ice

PS1 - 10. **Kaupo Komsaare**: Formation events of intermediate air ions at Tahkuse observatory in 1995-2016

PS1 - 11. **Sho Ayuba**: Kinetic analysis of homogeneous droplet nucleation using large scale molecular dynamics simulation

PS1 - 12. **Ricky Teiwes**: A new setup for the study of ion-molecule and ion-photon reactions relevant for aerosol science

PS1 - 13. **Martta Toivola**: Computational prediction of salting in and salting out effects

PS1 - 14. **Craig Stroud**: The effect of particle acidity on a-pinene SOA formation

PS1 - 15. **Dimitri Castarède**: A thermodynamic description for the continuous deliquescence of atmospheric aerosol particles

PS1 - 16. **Julian Thompson**: Work of formation of Caesium Hydroxide clusters determined by guided mitosis

PS1 - 17. **Egon Tschurtschenthaler**: Controlling nucleation rates with patterns of impurities

PS1 - 18. **Janne Lampilahti**: Boundary layer new-particle formation and roll vortices

PS1 - 19. **Liqing Hao**: Combined effects of boundary layer dynamics and atmospheric chemistry on aerosol composition during new particle formation periods

PS1 - 20. **Lubna Dada**: Method for identifying NPF types using characteristic nucleation-mode particles and ions

PS1 - 21. **Clémence Rose**: Integrated evaluation of biogenic secondary organic aerosol formation in a global climate-model

PS1 - 22. **Ricardo Morales**: Temperature dependence of particle number concentration produced by a two stroke engine

PS1 - 23. **Heikki Lihavainen**: New particle formation at rural background site in Western Saudi Arabia

PS1 - 24. **Nanna Myllys**: The effect of bisulfate, ammonia, and ammonium on the clustering of organic acids and sulfuric acid

PS1 - 25. **Juha Sulo**: Observed differences between event and non-event days in levels of amine and ammonia containing comp

PS1 - 26. **Erik Thomson**: Observations of a diurnal cycle of ice nucleating particle concentration on the shoulders of Mt. Kenya

PS1 - 27. **Thomas Koop**: Ice nucleation and antifreeze properties of biological macromolecules

PS1 - 28. **Jiou-Horng Tsai**: Airborne PM2.5 concentration improvement under various control scenarios – a case study in Taiwan

PS1 - 29. **Zoltán Németh**: Multi-year long new particle formation in urban environments
PS1 - 30. Chunshui Lin: Characterization of primary organic aerosol of domestic wood, peat, and coal burning
PS1 - 31. Ayako Yoshino: Analysis of aerosol chemical composition measured at urban and rural sites in Japan
PS1 - 32. Dongsheng Ji: Two years of near real-time measurements of carbonaceous aerosols in urban Beijing, China
PS1 - 33. Wang Dawei: Observations of new particle formation in Hong-Kong
PS1 - 34. Yuesi Wang: Mechanism for the formation of the January 2013 heavy haze pollution episode over central and easter China
PS1 - 35. Lin Liu: Study the regional PM10/PM2.5 characteristic
PS1 - 36. Yongqing Bai: Environmental meteorology numerical model system
PS1 - 37. Tao Song: Mixing layer height and its implications for air pollution over Beijing, China
PS1 - 38. Juergen Spielvogel: A candidate measurement system for the standardized routine monitoring of particle number concentration
PS1 - 39. Kristina Höhler: Phase change behavior of salt aerosol in a CFDC
PS1 - 40. Ayumi Iwata: Characterization of individual ice nuclei by single droplet freezing method: a case study in the Asian dust outflow region
PS1 - 41. Kristina Höhler: Ice nucleation activity of arable soil dust aerosol particles
PS1 - 42. Paul DeMott: Novelties in ice nucleation terminology
PS1 - 43. Alisya Sadykova: Laboratory studies of immersion mode heterogeneous ice nucleation
PS1 - 44. Ilona Ylivinkka: Estimation of the CO2-induced terrestrial climate feedback in subarctic region
PS1 - 45. Konstantinos Doulgeris: In-situ cloud measurements during three Pallas cloud experiments
PS1 - 46. Anu-Maija Sundström: Possibilities and challenges of using satellite data for estimating sulphuric acid concentrations
PS1 - 47. Shufeng Pang: The effect of metal ions on chemical reaction between dicarboxylic acid and nitrate within aerosols*
PS1 - 48. Gregor Kotalczyk: Monte Carlo simulations of the combined mechanisms of homogenous and heterogenous nucleation and coagulation based on weighted simulation particles*
PS1 - 49. Tinja Olenius: New particle formation from sulfuric*

*Late posters: Abstracts are available on the ICNAA2017’s web page.