

<b>Monday, June 26 (Registration desk: 08.00 -16.00)</b>		
09.15 – 9.45	Official opening - PI	
9.45 – 10.30	Plenary session I - PI Annele Virtanen: On the atmospheric implications of the solid phase and phase transitions of secondary organic aerosols Chair: Kaarle Hämeri	
10.30–11.00	Coffee break, snacks & exhibition	
<b>11.00-12.30</b>	<b>Session 1 – PI: Particle Phase Change</b> <b>Chairs: Taina Yli-Juuti &amp; Markus Petters</b>	
11.00	Bastien Radola: A molecular dynamics study of the phase changes of organic aerosols	
11.15	Ari Laaksonen: The adsorption theory of heterogeneous nucleation: comparison to experiments	
11.30	Markus Petters: Phase transitions of internally-mixed amorphous aerosols	
11.45	Benjamin Thomas: Oxidation of mixed fatty acid monolayers on an aqueous subphase: Evident for surface phase changes?	
12.00	Taina Yli-Juuti: Evaporation of $\alpha$ -pinene derived SOA particles under different humidity conditions	
12.15	Thomas Koop: Glass formation in mixed organic/organic and inorganic/organic aerosol particles	
12.30 -13.30	Lunch (Unicafe with ICNAA coupons) & exhibition	
<b>13.30-15.00</b>	<b>Session 2 - PI: Nucleation, fundamentals</b> <b>Chair: Jyrki Mäkelä</b>	<b>Session 3 - PII: Aerosols in the troposphere</b> <b>Chairs: Stephany B. Mazon &amp; Josef Dommen</b>
13.30	Philip Hopke: Current advances and problems in vapor-gas nucleation theory and experiments	Josef Dommen: From new particle formation to CCN at the high altitude station Jungfraujoch: an overview
13.45	Martin Horsh: Reexamination of the theoretical basis of Tolman's law	Federico Bianchi: The Himalayan aerosol factory: the chemistry of new particle formation
14.00	Anne Maisser: Heterogeneous nucleation of n-butanol vapor on various monoatomic ions	Johannes Schneider: Secondary organic aerosol formation in tropical upper troposphere
14.15	Gerald Wilemski: Wetting transitions in alkane-water nanodroplets	Stephany B. Mazon: Nucleation mode ions and particles in the Amazon: inside vs. outside canopy conditions
14.30	Barbara Hale: Reexamination of the Scaling of Homogeneous Nucleation Rates for Water	Indra Chandra: Current situation of atmospheric nanoparticles in Fukue Island, Japan
14.45	Jan Hrubý: Surface tension of ordinary water at low temperatures including supercooled region	Laura Riuttanen: Observational evidence for aerosols increasing upper tropospheric humidity

15.00 -15.30	Coffee break, snacks & exhibition	
<b>15.30-17.30</b>	<b>Session 4 - PI: Aerosol formation and growth</b> <b>Chairs: Jenni Kontkanen &amp; Pontus Roldin</b>	<b>Session 5 - PII: Aerosol-CCN-cloud</b> <b>Chairs: Jurgita Ovadnevaite &amp; Risto Makkonen</b>
15.30	Theo Kurten: Accounting for chemical complexity in the formation of highly oxidized compounds by atmospheric autoxidation	Xiangrui Kong: Adsorption, dissociation and diffusion of HCl at the warm ice surface and beyond
15.45	Pontus Roldin: Formation and contribution of highly oxidized organic molecules to the growth of new particles	Jurgita Ovadnevaite: The role of organics in marine aerosol CCN activation
16.00	Jenni Kontkanen: Proxy for estimating the concentrations of highly oxidized organic compounds in boreal forest	Luke Cravigan: Sources of cloud condensation nuclei over the remote Southern Ocean
16.15	Heikki Junninen: Night time observations of biogenic new particle formation over boreal fen	Paul Herenz: CCN measurements at the Princess Elisabeth Antarctica Research Station
16.30	Katrianne Lehtipalo: The CLOUD experiment resolving the mechanism of new particle formation in boreal forest conditions	Risto Makkonen: Global trends of cloud condensation nuclei concentrations
16.45	Robert Wagner: The role of ions in new particle formation in the CLOUD chamber	Simon Gruber: Climate engineering by Arctic winter cirrus thinning: risks and feasibility
17.00	Xuemeng Chen: The connection and divergence of the theoretical framework for air ion study derived from the balance equation concept in the disciplines of atmospheric electricity and atmospheric aerosol study	James Hudson: Accumulation mode from cloud processing
17.15	Anna Wonashuetz: Measurement of mineral dust and organic aerosols with the LAAPTOF single particle mass spectrometer	Pauli Paasonen: Particle growth rates from nucleation mode to cloud condensation nuclei sizes
19.00 -20.30	Helsinki City Reception at the City Hall (address: Pohjoisesplanadi 11–13 )	