

Timetable for CLOUD-TRAIN, PEEEX, iLEAPS, ACCC, ABS, CBACCI & CRAICC Summer School, 13-22 August 2014

Formation and Growth of Atmospheric Aerosols

Time	Wed 13.8.	Thu 14.8.	Fri 15.8.	Sat 16.8.	Sun 17.8.	Mon 18.8.	Tue 19.8.	Wed 20.8.	Thu 21.8.	Fri 22.8.	
7:00-8:00	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	
8:30-10:00	Visit to SMEAR II station	4. Homogenous Nucleation, Activation Markku Kulmala	6. Aerosol dynamics, models Veli-Matti Kerminen	9. Nucleation event analysis Tuomo Nieminen	Exercise	12. Laboratory experiments on atmospheric chemistry and particle formation Mikko Sipilä	16. Atmospheric mass spectrometry Doug Worsnop	19. PEEEX and BAecc Tuukka Petäjä	Transferable skills 2: Preparation for funding application Kerminen/ Kulmala	09:00 Departure to Helsinki	
10:15-11:15	1. Introduction Markku Kulmala	Exercise	Exercise	Exercise		Exercise	Exercise	Exercise			Preparation for exam
11:15-12:00	Lunch	Lunch	Lunch	Lunch		Lunch	Lunch	Lunch			Lunch
12:00-13:30	2. Atmospheric aerosols Veli-Matti Kerminen	5. Ion-Induced Nucleation Joachim Curtius	7. Clustering Markku Kulmala	10. Coagulation and GDE Kari Lehtinen	Excursion	13. Computational methods related to particle formation Hanna Vehkamäki	17. ToF-Tools Heikki Junninen Exercise	20. Global aerosol models Dominick Spracklen	Preparation for exam		
13:30-14:00	Coffee	Coffee	Coffee	Coffee		Coffee	Coffee	Coffee	Coffee	Coffee	
14:00-15:30	3. Atmospheric aerosol formation Markku Kulmala	Exercise	8. Condensation and thermodynamics Ilona Riipinen	11. Aerosols, CCN and cloud formation Akua Asa-Awuku		14. Aerosol formation and growth, clouds and climate Veli-Matti Kerminen	18. Atmospheric Chemistry: Aerosol phase Doug Worsnop	21. Instrumentation to detect nucleation Katrianne Lehtipalo	Exam		
15:30-16:30	Exercise	Transferable skills 1: good scientific conduct/plagiarism/etc Joachim Curtius	Exercise	Exercise		Exercise	Exercise	Exercise	Exercise		
16:30-17:15	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner		Dinner	Dinner		
17:30-19:00	Exercise	Exercise	Exercise	Exercise	Free time	15. Atmospheric chemistry: Gas phase Markku Kulmala		Exercise	Exam		
19:00-20:00	Exercise	Exercise	Exercise	Free time		Exercise	Boreal Dinner	Exercise	Course party		