

Timetable for iLEAPS, ABS, CBACCI, CLOUD ITN, EUCAARI & EUSAAR Summer School, 4-14 August 2008

Formation and Growth of Atmospheric Aerosols

Time	Tue, 5/8	Wed, 6/8	Thu, 7/8	Fri, 8/8	Sat, 9/8	Sun, 10/8	Mon, 11/8	Tue, 12/8	Wed, 13/8	Thu, 14/8
07:00-08:00	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
08:30-10:00	Visit to SMEAR II	4. Nucleation M. Kulmala	7. Activation, heterogeneous nucleation, nano-Köhler M. Kulmala	10. Aerosol dynamics, models V.-M. Kerminen	13. Nucleation experiments M. Kulmala	Recreation time	15. CLOUD project and ion-induced nucleation J. Curtius	17. Hygroscopic growth I. Riipinen	Exercise	Departure
10:15-11:15	Introduction M. Kulmala	Exercise	Exercise	Exercise	Exercise	Recreation time	16. Biosphere-aerosol-cloud-climate interaction, processes in biosphere related to atmospheric aerosol formation M. Kulmala	Exercise	Exercise	
11:15-12:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
12:00-13:30	1. Atmospheric Aerosols V.-M. Kerminen	5. Atmospheric chemistry M. Boy	8. Coagulation, General Dynamic Equation (GDE) V.-M. Kerminen	11. Instrumentation, cluster, ion and aerosol measurements M. Sipilä	Recreation time	Exercise	Exercise	18. Organic aerosol M. Dal Maso	Exam	
13:30-13:50	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	
14:00-15:30	2. Atmospheric aerosol formation, observations, meteorology behind atmospheric aerosol formation I. Riipinen	Exercise	9. Thermodynamics, condensation I. Riipinen	Exercise	Recreation time	14. Cluster and ion dynamics M. Kulmala	Exercise	Exercise	Exam	
15:30-16:30	Exercise	Exercise	Exercise	Exercise	Recreation time	Exercise	Exercise	Exercise		
16:30-17:15	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Party	
17:30-19:00	3. Biological processes connected to VOC emission E. Nikinmaa	6. Aerosol chemistry V.-M. Kerminen	Exercise	12. Global models R. Makkonen	Recreation time	Exercise	Exercise	Sports evening		
19:00-20:00	Exercise	Exercise	Exercise	Exercise	Recreation time	Exercise	Exercise			

Transport timetable:

Mon, 4 August	Railway Station	Airport	Hyytiälä
	19:15	20:00	23:30

Thu, 14 August	Hyytiälä	Airport	Kumpula	Railway Station
	08:30	12:00	12:30	12:45

The lecturers on the summer school:

Dr. Michael Boy, University of Helsinki, Department of Physics

Prof. Joachim Curtius, Institute for Atmospheric and Environmental Sciences, Goethe University of Frankfurt, Germany.

Dr. Miikka Dal Maso, University of Helsinki, Department of Physics / Forschungszentrum Jülich, Germany

Prof. Veli-Matti Kerminen, Finnish Meteorological Institute

Prof. Markku Kulmala, University of Helsinki, Department of Physics

Mr. Risto Makkonen, University of Helsinki, Department of Physics

Prof. Eero Nikinmaa, University of Helsinki, Department of Forest Ecology

Dr. Ilona Riipinen, University of Helsinki, Department of Physics

Mr. Mikko Sipilä, University of Helsinki, Department of Physics

The assistants:

Dr. Antti Lauri, University of Helsinki, Department of Physics

Ms. Katrianne Lehtipalo, University of Helsinki, Department of Physics

Mr. Tuomo Nieminen, University of Helsinki, Department of Physics

Ms. Sanna-Liisa Sihto, University of Helsinki, Department of Physics