

INUIT Summer School 2016, 11.09.-16.09.2016
 „Atmospheric Ice Nucleation: Fundamentals and Recent Trends“

	Sunday, Sept. 11	Monday, Sept. 12	Tuesday, Sept. 13	Wednesday, Sept. 14	Thursday, Sept. 15	Friday, Sept. 16
9-10 + discussion		Joachim Curtius: Brief recapitulation of aerosol and cloud physics, introduction to ice nucleation	Claudia Marcolli: Deposition nucleation viewed as homogeneous or immersion freezing in pores and cavities	Hinrich Grothe: Searching for the perfect ice nucleus	Dan Cziczo: Field CFDC studies, aircraft measurements of ice clouds and ice residual analysis	Paul Field: Secondary ice formation
		Coffee	Coffee	Coffee	Coffee	Coffee
11-12 + discussion		Thomas Koop: General physics of supercooled water and ice	Miklós Szakall: wind tunnel and other contact-free methods; Alexei Kiselev: Contact ice nucleation	Bernhard Pummer: Biological ice nuclei	Johannes Schneider/Martin Ebert: Field measurements of IN and IPR	Paul Connolly: Modeling of mixed-phase and ice microphysics on different scales
		Lunch	Lunch	Lunch	Lunch	Lunch
14-15 + discussion		Ben Murray: Ice crystal growth and crystal shape	Social event	Corinna Hoose: IN parameterizations	Ken Carslaw: Global modelling and climate impacts of aerosols and INPs	Ottmar Möhler: AIDA measurements of cellulose and pre-activation
		Coffee		Coffee	Coffee	All: Conclusions
16-17 + discussion		Heike Wex: Hygroscopic growth and droplet activation; Basic principles of CFDCs		Yinon Rudich: Porous particles	Paul Connolly/ Diana Rose: Practicals	
17:30	Welcome	Participants: Poster teasers		Participants: Poster session part 1	Participants: Poster session part 2	
		Dinner		Dinner	Dinner	