

ICAT 2025	Monday (22/9)	Tuesday (23/9)	Wednesday (24/9)	Thursday (25/9)	Friday (26/9)
08:30	Sune Olander Rasmussen				
09:00	History of Ice Cores	Thomas Blunier  Gases of ice cores including densification	Christo Buizert  Firn and the interpretation of the ice core record	Group picture	Francois Burgay  Non-target screening analysis: a new tool to identify an unprecedented number of organic compounds in ice cores
09:30	Welcome introduction Practical information			Christine Hvidberg  Glaciology and ice flow modelling	
10:00	6 x student presentations (3 min videos)				
10:30	Coffee	Coffee	Coffee	Coffee	Coffee
11:00	Bo Vinther  Water isotopes	Eliza cook  Dating of ice cores	Sune Olander Rasmussen  Ice cores compared to other archives	Dorthe Dahl- Jensen  Borehole logging	Aslak Grinsted  Accumulation variability (statistics and errors)
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00	6 x student presentations (3 min videos)	6 x student presentations (3 min videos)	ICAT Excursion  Visit to the world's largest deep ice core collection and a virtual tour to Greenland	Helle Astrid Kjær & Rahul Dey  Noise and multicore representability	Christo Buizert (Friday Seminar)  Six million years of climate history from Antarctic blue ice
13:30	Helle Kjær  Chemical impurities including dry and wet deposition, back tarjectories etc.	Grant Boekmann  The technical side of ice core drilling			Coffee
14:30	Coffee	Coffee	Julien Westhoff - Basal ice	Chantal Zeppenfeld	Larissa Nora Van der Laan
15:00	Thomas, Michael, Julien, Chantal, Rahul & Helle  Lab/exercise session 1	Thomas, Michael, Julien, Chantal, Rahul & Helle  Lab/exercise session 3		Annual layers derived from ice core profiles	Climate modelling (cloud processes and precipitation) and the IPCC report
			Iben Koldtoft - field work logistics	fresh air	fresh air
16:00	fresh air	fresh air		Nicolas Stoll  Locating impurities in ice	Camilla, Jesper, & Susanne (former PICE PhDs) Life after ice cores
16:30	Thomas, Michael, Julien, Chantal, Rahul & Helle  Lab/exercise session 2	Thomas, Michael, Julien, Chantal, Rahul & Helle  Lab/exercise session 4			
17:30	6 x student presentations (3 min videos)		NB!-read homework for Friday exercises		
	From 18:00 Icebreaker			18:00-20:30 ICAT dinner	

Lab exercises

- Gas lab visit  
 Grain size exersize  
 Annual layers, CFA data, and CFA lab visit  
 Isotope and clean lab visit
- Thomas & Michael  
 Julien  
 Chantal  
 Helle & Rahul