

Harmosnow Workshop on Snow Chemistry Monitoring

Kolm Saigurn, Sonnblick / Austria

26/02/2018 – 02/03/2018

Workshop Program:

(subject to minor changes):

Monday 26/02/2018:

From	To	
15:00	18:00	Arrival of participants, occupy accomodation
18:00	19:00	Dinner

Tuesday 27/02/2018:

From	To	Name	Title
08:00	09:00	Breakfast	
09:00	09:15	Schöner	Introduction to the workshop
09:15	09:40	Kasper-Giebl	Long-term measurment of major ion composition in seasonal snow at Sonnblick
09:40	10:05	Nickus	Small scale variability of ion concentrations in seasonal snow
10:05	10:30	Schöner	Experiences from sampling snow for chemical analysis for long-term monitoring
10:30	10:50	Coffe break	

10:50	11:15	Blas	Pollutant elution from snowpack during melting Period - a case study from the Sudetes, Poland
11:15	11:40	Spolar	Sampling Arctic snow for chemical impurities
11:40	12:05	Nawrot	Snow monitoring led by the Polish Polar Station Hornsund
12:05	13:05	Lunch break	
13:05	13:30	Becagli	Snow chemical composition: Florence University Chemistry Department facilities and scientific results
13:30	13:55	Koziol	Spatial distribution of macro- and microelements in the snow of a glacier in southern Svalbard: a snapshot
13:55	14:20	Stachnik	Impact of volcanic eruptions on the occurrence of PAH compounds in the nival watershed (Fuglebekken, SW Svalbard)
14:20	14:45	Garcia-Santos	Pilot study to predict contamination drift on snow surface
14:45	15:05	Coffe break	
15:05	15:20	Schöner	The snow chemistry sampling intercomparison experiment
15:20	16:50	All	Discussion and planning of snow chemistry sampling intercomparison experiment
16:50	17:15	Cairns	Sampling surface snow from Antarctica and elsewhere for trace and ultra trace elemental analysis
17:15	17:40	Meinander	EC/OC/dust on snow, and ancillary snow and environmental data relevant for applications using snow chemistry data
17:40	18:00		
18:00	19:00	Dinner	

Wednesday, 28/02/2018:

From	To	Name	Title
08:00	09:00	Breakfast	
09:00	09:15	Schöner	Introduction to the field work
09:15	10:30	All	Presentation of sampling method by each group (3-4 groups) #1
10:30	10:50	Coffe break	
10:50	12:05	All	Presentation of sampling method by each group (3-4 groups) #2
12:05	13:05	Lunch break	

13:05	15:35	All	Snow sampling for major ions and stable isotope analysis
15:35	15:55	Coffe break	
15:55	16:20	Vreca	Isotope composition of snow - past experiences from Slovenia
16:20	16:45	Martma	Sampling for water isotopes, protocols and recommendations used in Svalbard C2S3 project
16:45	17:10	Sobik	Atmospheric conditions of snow avalanches in the Sudetes and Tatra Mts – a case study analysis
17:10	17:35	Cappelletti	<i>talk</i>
17:35	18:00		
18:00	19:00	Dinner	

Thursday, 01/03/2018:

From	To	Name	Title
08:00	09:00	Breakfast	
09:00	09:25	Sattler	Snow biology
09:25	09:45	Schöner	Development of best practice/protocol for snow chemistry monitoring - Introduction
09:45	10:30	All	Discussion
10:30	10:50	Coffe break	
10:50	12:00	All	Group work on best practice/protocol for snow chemistry monitoring 3 groups
			group #1 "sampling technique and physical snow characteristics"
			group #2 "ion composition"
			group #3 "stable isotopes, biology, ..."
12:00	13:00	Lunch break	
13:00	14:30	All	cont' group work
14:30	15:30	All	Plenum discussion and next steps
15:30	15:50	Coffe break	
15:50	16:10	All	Discussion of paper publication
16:10	16:30	Schöner	Wrap up of workshop
16:30	18:00		
18:00	19:00	Dinner	

Friday, 02/03/2018:

From	To	
08:00	09:00	Breakfast
09:00	10:30	Departure of participants