

NORDIC SNOW NETWORK (NordSnowNet) SNOW WEEK WORKSHOP

ON

IN-SITU SNOW DATA FROM OBSERVATION TO APPLICATION

22 March 2022, Sodankylä, FINLAND

TIME (CET)

09:00 – 09:10 Welcome

09:10 – 09:30 “Coordination efforts on in-situ observations in Nordic Region with Nordic Snow Network” by Ali Nadir Arslan, Finnish Meteorological Institute

09:30 – 10:00 “INTERACT-data management” by Lara Ferrighi, MET Norway

10:00 – 10:20 “Intensive in-situ snow observations in Hveravellir highlands in Iceland in 1997-2000 by Maria Svavarsdóttir, Agricultural University of Iceland

10:20 – 10:40 “Be FAIR with METIS” by Anca Hienola, Finnish Meteorological Institute

10:40 – 11:00

COFFEE BREAK

11:00 – 11:20 “Seasonal snow observations in the Icelandic highlands” by Andri Gunnarsson, National Power Agency of Iceland

11:20 – 11:40 “Snow cover monitoring and research in Hornsund” by Bartek Luks, Institute of Geophysics Polish Academy of Sciences

11:40 – 12:00 “An overview of snow data collection in Kobbefjord, SW Greenland” by Kirsty Langley, Asiaq – Greenland Survey

12:00 – 13:00

LUNCH BREAK

13:00 – 13:20 “MOSAiC snow albedo observations” by Roberta Pirazzini, Finnish Meteorological Institute

13:20 – 13:40 “Ground truth activities on the optical behavior of the snow cover in Svalbard” by Roberto Salzano, National Research Council of Italy – CNR

13:40 – 14:00 “High Latitude Dust Transport Altitude Pattern Revealed from Deposition on Snow, Svalbard” by

by **Jan Kavan**, Masaryk University, Czechia and University of Wroclaw, Poland

14:00 – 14:20 “Stable water isotopes in snow - applications and sampling” by **Pertti Ala-Aho**, University of Oulu

14:20 – 14:40 “Ground-penetrating radar measurements of snow thickness on the Hofsjökull ice cap, Central Iceland” by **Þorsteinn Þorsteinsson**, Icelandic Meteorological Office

14:40 – 15:00

COFFEE BREAK

15:00 – 15:20 “Multi-Spectral and Radar imagery for monitoring snow cover in Iceland” by **Inga Jónsdóttir**,
University of Iceland

15:20 – 15:40 “Extreme floods in cold and polar regions” by **Elena Shevnina**, Finnish Meteorological Institute

15:40 – 16:00 “Snow data assimilation in hydrological model predictions” by **David Gustafsson**, Swedish
Meteorological and Hydrological Institute

16:00 – 17:00

PANEL DISCUSSION