

International Snow and Ice Science Workshop

Date: November 18, 2014 9:00~17:00

Place: Civil community room D in Aore Nagaoka (<http://www.ao-re.jp/>)

Program open 8:30 ~

9:00-9:10 Open ceremony

9:10-16:30 Workshop

9:10-9:40 **Larry Hinzman (International Arctic Research Center)**

Multi-scale, multi-approach measurements of distributed snowpack on the North Slope of Alaska

9:40-10:10 **Teruo Aoki (Meteorological Research Institute)**

Radiative properties of snow and their application to climate study

10:10-10:40 **Michael Lehning (WSL Institute for snow and Avalanche Research SLF)**

Processes that shape observed snow distribution in mountains

----- 10:40-11:00 **Rest** -----

11:00-11:30 **Masaki Nemoto (National Research Institute for Earth Science and Disaster Prevention)**

Construction and application of a blowing snow forecasting system in Japan

11:30-12:00 **Enrico Paterna (WSL Institute for snow and Avalanche Research SLF)**

Experimental investigations on intermittent snow drift

----- 12:00-13:00 **Lunch** -----

13:00-13:30 **Hiroki Motoyoshi (National Research Institute for Earth Science and Disaster Prevention)**

Empirical parameterizations of kinematical properties of solid precipitation particles from ground-based measurements at Nagaoka

13:30-14:00 **Henning Löwe (WSL Institute for snow and Avalanche Research SLF)**

Micro-computed tomography of snow: Potentials and limitations

14:00-14:30 **Nander Wever (École polytechnique fédérale de Lausanne)**

Modeling liquid water flow in snow in a hydrological context

----- 14:30-15:00 **Rest** -----

15:00-15:30 **Hiroyuki Hirashima (National Research Institute for Earth Science and Disaster Prevention)**

Modeling wet snow based on physical process studies

15:30-16:00 **Jürg Schweizer (WSL Institute for snow and Avalanche Research SLF)**

On measuring snow mechanical properties relevant for dry-snow slab avalanche release

16:00-16:30 **Alec van Herwijnen (WSL Institute for snow and Avalanche Research SLF)**

Monitoring avalanche release to better understand formation processes

16:30-16:50 General Discussion

16:50-17:00 Close ceremony

Contact person

Satoru Yamaguchi : yamasan@bosai.go.jp