WSL Institute for Snow and Avalanche Research SLF

WSL Applied Remote Sensing Lectures 15. 11. 2018: Application of Unmanned Aerial Systems

We are happy to announce the 5th WSL Applied Remote Sensing Lecture on **Thursday 15 November 2018**, at **SLF in Davos**. Five WSL/SLF presenters will demonstrate how UAS are applied for a wide range of applications from ecology to snow hydrology. We also invite five external presenters who will show us their UAS applications.

Program

10:15 – 10:45	Ruedi Bösch (WSL)	Flower detection with UAV images
10:45 – 11:15	Tobias Jonas (SLF)	Snow processes in forested environments - using drones to reveal new insights
11:15 – 11:45	Saskia Gindraux (WSL)	UAV photogrammetry on glaciers, accuracy assessment and application
11:45 – 12:15	Yves Bühler (SLF)	Efficient geodata acquisition in challenging alpine terrain with UAS
12:15 – 12:45	Lucie Eberhard (SLF)	Photogrammetric snow depth mapping: evaluation of different platforms and sensors
12:45 – 14:00	Lunch	
14:00 – 14:30	Guillaume Jouvet (ETHZ, VAW)	Monitoring of glacial processes in Northwest Greenland using UAVs
14:30 – 15:00	Nico Moelg, (UZH, GIUZ)	Applications of UAV for glaciological and geomorphological research in polar and high mountain regions
15:00 – 15:30	Felix Morsdorf (UZH, GIUZ RSL)	Close-range laser scanning and vegetation structure: towards physical-based semantics across scales
15:30 – 16:00	Marc Adams (BFW, AT)	From avalanche mapping to ash distress monitoring: A review of UAS-applications at the Austrian Research Centre for Forests
16:00 – 16:30	Thomas Stastny (ETHZ, ASL)	Towards Fully Autonomous Long-range Remote Sensing via Solar-powered Fixed-wing Unmanned Aerial Vehicles

We are looking forward to an inspiring day with many interesting presentations and discussions. If you plan to participate please sing in into the following doodle that we can organize the lunch:
https://doodle.com/poll/hn4h999894w5iq7d

Sincerely yours

Yves Bühler & Christian Ginzler