

PROSAW

Avalanche Professional and Ski Patrol Snow and Avalanche Workshop

Nov. 5, 2021; 8:30AM - 5:00 PM



Lessons learned from past generations and the Utah 2020-2021 season

08:30-08:35: Welcome to the Working Week. *Craig Gordon, UAC*

08:35-08:55: Basic Explosives Safety. *Steve Shelley, ATF*

09:00-09:20: Measuring Explosives Overpressures from Remote Avalanche Control Systems.

Results from a research project that measured the explosive blast air pressures from various operational remote avalanche control systems (RACS). *Robb Larson, PE Mechanical and Industrial Engineering Dept. MSU*

09:25-09:45: The song remains the same... or does it? A look under the hood helps explain how two snowpacks differ throughout the season. *Craig Gordon, UAC and Johnathan Morgan, Alta Avalanche Office*

09:50-10:10: Denoting the communication string in a complex avalanche rescue. A communication thread for rescue management personnel. *Peter Tucker, Brighton Ski Resort*

10:10-10:25: Break

10:25-10:45: Under the radar. Reflections on a midwinter, deep slab cycle in Deer Valley, Utah. *Mark Chytka, Deer Valley Snow Safety*

Valentine's storm in Utah.

10:50-11:10: UT-210's highway perspective and operational changes. *Mark Sauer, UDOT*

11:15-11:35: A village viewpoint and take-homes. *Eric Murakami, Snowbird Snow Safety*

11:35-11:40: Bridge, bombs, and blower. *Sweet Grass video*

11:45-12:15: Bridging the gap for three generations of avalanche workers. *Bruce Tremper, Retired Director of UAC*

12:15-12:25: Presentation from American Avalanche Association

12:25-13:00: Break and Winter in Review Video

A collective nationwide approach to how we can learn from one another

13:00-13:05: Welcome

13:05-13:25: What is an avalanche professional? Avalanche workers are a diverse group with different jobs and skill sets. *Simon Trautman, USFS National Avalanche Center*

13:30-13:50: Highway Avalanche Mitigation. The same, but different. Idaho SH-21. Operational precautions for a small avalanche crew with big terrain. *Chantel Astorga, IDT*

13:55-14:35: Explosives use in backcountry rescue roundtable... reducing response time. The when, where, and who of determining explosives deployment in three separate western regions. *Margie Van Komen (Utah), Mike Ream (Wyoming), Jon Tuckman (Telluride)*

14:40-15:00: Legal, insurance, and liability concerns of a rescue outside the resort boundary. Defining roles of responsibility and jurisdictional authority. *Tim Hendrickson, Mountain Guard*

15:00-15:20: Break

15:20-15:40: How to Avoid Decision-Making Traps. A close call and operational changes on both sides of the rope line. *Robin Pendery and Jake Skeen, Crystal Mountain*

15:45-16:05: Mount Jumbo. Lessons learned from an avalanche involving structures, civilians, power lines, gas lines, and managing multiple agencies. *Travis Craft*

16:10-16:40: Forecasting and mitigating avalanches. Has the job gotten harder or easier in the past 20 years and are we any better at it? *Liam Fitzgerald*

16:45: Closing remarks. *Craig Gordon, UAC*

PROSAW is made possible by the support of these amazing partners



AMERICAN
AVALANCHE
ASSOCIATION



MAMMUT



**Governor's Office of
Economic Opportunity**

UTAH OFFICE OF OUTDOOR RECREATION



WESCO
ground breaking service.

AVALANCHE CONTROL PRODUCTS



DEER VALLEY
RESORT



POWDERBIRD

