



WORKSHOP SCHEDULE

Time	Speaker	Topic
8:30 - 8:45 AM		Opening Remarks
8:45 - 9:25 AM	Doug Chabot	"Avalanches every day, all winter," said the Afghan, learning how to survive in the bosom of the highest peaks
9:25 - 9:50 AM	Russ Costa	Smarter or Luckier? Human factors and avalanches during the winter of 2016-2017 in CO and UT
9:50 - 10:05 AM	Roger Coit	Colorado Mountain College - New Avalanche Science Program
10:05 - 10:35 AM		Break
10:35 - 10:55 AM	Spencer Logan	Snowy Torrents, Volume 6 - lessons learned, trends, call for action
10:55 - 11:05 AM	Ethan Greene	Avalanche Near Miss - A database for avalanche workers
11:05 - 11:30 AM	Ryan Evanczyk	A-Basin Expansion into the Steep Gullies Area
11:35 - 1:10 PM		Lunch Break
1:10 - 1:35 PM	Matt Steen	Telluride Backcountry Radio Program
1:35 - 2:00 PM	Russ Costa	Using Rational Choice Versus Naturalistic Decision Making Theories to Understand and Teach Avalanche Decision Making
2:00 - 2:20 PM		Break
2:20 - 2:45 PM	Jason Konigsberg	Trends of Persistent Slab Avalanches After Snowfall

2:50 - 3:15 PM	Kevin Hammonds	Sun, Wind, Rain, & Snow: How snowpack layering affects temperature gradients, snow metamorphism, and weak layer formation
3:15 - 3:40 PM		Break
3:40 - 4:20 PM	Colin Zacharias	"Grace Under Pressure": How we are betting better at "saying what we mean" when talking about risk in the backcountry workplace
4:20 - 4:40 PM	Nick Barlow	2016/17 Weather Summary and Winter 2017/18 Long Term Weather Forecast
4:40 - 4:50 PM		Closing Remarks

ABOUT THE SPEAKERS

Doug Chabot, Director of the Gallatin National Forest Avalanche Center

Doug has been on numerous climbing expeditions to Alaska, Nepal, India, Afghanistan, Tajikistan and Pakistan, resulting in many first ascents and new routes. In 2011, Doug co-founded Iqra Fund, a nonprofit doing education work for girls in northern Pakistan.

Russ Costa, Westminster College

Russ is an Associate Professor of Honors & Neuroscience at Westminster College in Salt Lake City, Utah, where he teaches a wide variety of courses on cognitive and computational neuroscience, as well as on science in society. In the lab, Dr. Costa studies the mental and neural processes underlying attention and perception, including multitasking, task switching, and ignoring distracting information. Russ is also an experienced backcountry skier and mountaineer and has recently begun studying risk, judgment, and decision making in mountain environments.

Roger Coit, Colorado Mountain College

Roger is a faculty member of Colorado Mountain College in Leadville. Roger instructs EMS and Outdoor Studies courses. He leads courses in avalanche safety, wilderness medicine, and urban EMS. Roger has been involved in the development of the Avalanche Science curriculum since its very beginnings.

Spencer Logan, CAIC

Spencer began skiing in northern Colorado and began learning about avalanches in northern Utah. In southern Montana, his avalanche education continued with an MS in Earth Sciences from Montana State University. He joined the CAIC in 2004 and has maintained the CAIC's accident database since 2007. He has collaborated with colleagues from Colorado, North America, and Europe to better understand trends and patterns in avalanche accidents.

Ethan Greene, CAIC

Ethan has worked as a ski patroller, researcher, and avalanche forecaster for the USDA Forest Service and State of Colorado. He has published a variety of articles on snow, weather and avalanches, and is member of national and international working groups on snow and avalanche topics. Ethan currently works as the Director of the Colorado Avalanche Information Center.

ABOUT THE SPEAKERS, CONTINUED

Ryan Evanczyk, Arapahoe Basin Ski Area

Through a variety of different jobs and multiple industries, Ryan eventually ended up patrolling at Arapahoe Basin Ski Area. From there, he quickly became involved with the Snow Safety program working as a Forecaster/Avalanche Technician for the ski area. From that time, He has worked on two major expansions for the ski area all of which include avalanche terrain and different mitigation procedures. First, Zuma Bowl which came on line in 2007 and now the Beavers which will come on line this season. He became the Director of Snow Safety in 2013.

Matt Steen, Telluride Helitrax, Snow Safety Director

Matt is a helicopter ski guide with Heli Trax in San Juan Mountains of Southwestern Colorado. Matt has been working in the outdoor industry since the mid 90's. He began ski patrolling in Crested Butte then moved to Telluride in 2001. From 2011-13 he was the North and South San Juan's backcountry avalanche forecaster for the CAIC.

Jason Konigsberg, CAIC

Jason is the Colorado Avalanche Information Center (CAIC) forecaster for the Summit County / Vail and Steamboat / Flat Tops zones. Before joining the CAIC, Jason spent his winters ski patrolling in Utah and Montana and his summers as the Snow Safety Officer at the Cregiburn ski field in New-Zealand.

Kevin Hammonds, Montana State University

Kevin is an assistant Professor at Montana State University, department of civil engineering. He received his PhD from Thayer School of Engineering, Dartmouth College. His broad research interests are related to better understanding the material properties of snow and ice in all of its forms and phases. He is a former avalanche forecaster, ski patroller, national park ranger, and wildland firefighter...depending on the time of year.

Colin Zacharias, Consultant

Colin began working in ski area avalanche control in 1980, then as a lead guide in Heli and Cat ski operations, and is self employed as a mountain operations consultant. He instructs a few pro level avalanche courses each year for both the CAA and AIARE. He enjoys the opportunity to work with guides and avalanche professionals from a variety of countries outside Canada and the US including NZ, Iceland, Switzerland and Argentina. Aside the avalanche industry, Colin sits on the Raincoast Education Society; which promotes environmental education and stewardship of the Clayoquot Sound Biosphere near his home of Tofino, on the west coast of Vancouver Island.

Nick Barlow, CAIC

Nick is a forecaster with the Colorado Avalanche Information Center (CAIC). Before joining the CAIC Nick spent his winter as a Heli skiing guide in Southeast Alaska and as the snow safety director of the Jones Pass cat skiing operation. Nick holds degrees in both English and Meteorology.