

## Eastern Snow and Avalanche Workshop 2011-ESAW, November 5<sup>th</sup>, North Conway, NH

Welcome, Several years ago Kyle Tyler and I started talking about his idea to facilitate a seminar or workshop to promote continual learning about avalanches. He and I have been participating in the International Snow Science Workshop around North America for almost 20 years and have substantially enjoyed its feel and philosophy. ISSW's mantra, "The Merging of Theory with Practice," looks to tap all minds for their snow-related knowledge. From the Physics Nobel Laureate to the eighth grader with a new idea on snow transport, all are welcome. As world-renowned chemist Raouid Hoffmann once stated "The vast majority of great things come not in one flash of progress, but the accumulation of small things." That was the concept that ISSW started and many other smaller regional workshops continue every year. That is, to build on past concepts and stimulate new ideas to further our understanding of avalanches. We will always have lots to learn about snow, avalanches, and the natural world so we should never feel done, finished, or static about our need for higher education. There are no experts, we are all students.

The 1<sup>st</sup> annual Eastern Snow and Avalanche Workshop in North Conway, NH is hopefully a place to bring together avalanche-minded individuals to share their enthusiasm for snow and discuss topics related to the winter in cold, steep climates. We hope this will be a new beginning for an annual gathering of avalanche professionals, educators, guides, and backcountry skiing and climbing enthusiasts in the Northeast. It may be for personal interest, to fulfill continuing education and professional development needs, or the impending excitement for winter 2011-12 - it makes no matter, we look forward to seeing all of you at ESAW! Chris Joosen, 10/2011.

To register for ESAW fill out and send the below form to: [esawavalanche2011@gmail.com](mailto:esawavalanche2011@gmail.com) (One for each participant)

<i>Name</i>	<i>Last-</i>	<i>First-</i>
<i>Physical Mailing Address</i>	<i>Street/POB-</i>	<i>Town/Zip</i>
<i>Phone</i>	<i>Home-</i>	<i>Cell-</i>
<i>Email</i>		

After you send in the completed form you will receive a reply stating you are officially registered along with some additional details such as directions to the venue etc. Payment will be collected the morning of November 5<sup>th</sup> when you sign in. Because of the low-tech, grassroots nature of our group we request that you are prepared to pay cash only. Our venue is attached to a bank with an ATM. Cost for the workshop is \$45.00. We have been able to keep registration cost low because of an additional grant. We have 75 slots, first-come/first-served, so don't delay or we might fill up. We will accept walk-ins on November 5<sup>th</sup> only if there is room.

- Your registration fee includes the talks in the attached agenda, several raffles throughout the day, coffee, donuts/fruit, Social at IME with hops and barley.
- Any remaining funds will go to **The White Mountain Avalanche Education Fund** set up to educate kids of the northeast about avalanches. For more information follow the proceeding link to the Mount Washington Avalanche Center website. <http://www.mountwashingtonavalanchecenter.org/about/white-mountain-avalanche-education-fund/>
- We will post any changes or updates concerning the Workshop to the Mount Washington AC homepage at [www.mountwashingtonavalanchecenter.org](http://www.mountwashingtonavalanchecenter.org)
- We have tried hard to keep the cost bare bones so we are counting on you to show up if you register. We understand things happen, so if you can't attend we request you go to the avalanche fund PayPal link at

<http://www.mountwashingtonavalanchecenter.org> and still contribute the workshop cost of \$45.00. This will assure we can cover the workshop costs and not have to dip into Kyle's kids' college fund.

## Eastern Snow and Avalanche Workshop

- 7:30 – 8:20 **Registration**
- 8:20 – 8:30 **Welcome and Housekeeping** *Kyle and Chris*
- 8:30 – 9:15 **Spatial variability issues in the direct action avalanche regime of the White Mountains.**  
*Christopher Joosen*
- 9:15 – 10:00 **Avalanches in the Adirondacks.** *Jim Giglinto*
- 10:00 – 10:15 **Break** -1015 Raffle
- 10:15 – 11:00 **Propagation propensity of persistent weak layers.** *Kyle Tyler*
- 11:00 – 11:45 **Upslope Snow: Development and effect upon the White Mountains of NH.** *Rebecca Scholand*
- 11:45 – 1:15 **Lunch** -1315 Raffle
- 1:15 – 2:00 **Snow Physics and its relationship to advances.** *Sam Colbeck*
- 2:00 – 2:45 **Avalanche accidents on Mount Washington, the eastern dilemma, and the role of social media and innovation past, present, and future.** *Christopher Joosen*
- 2:45 – 3:00 **Break** – 1500 Raffle
- 3:00 – 3:45 **Avalanche Air Bags: The innovation of personal protective equipment in avalanche terrain.** *Eric Siefer/Doug Workman- Mammut-USA*
- 3:45 – 4:30 **Avalanche Education: WHO SAYS You Can't Assign Level 1 Avalanche Students Pre-Course Homework?** *Jonathan Shefftz*
- 4:30 **Closing Remarks, followed by Social and Avalanche Vendor Booths Upstairs at IME**





## **Speakers for ESAW- Eastern Snow and Avalanche Workshop 2011**

*Sam Colbeck was a Senior Research Scientist at the Army's Cold Region Research and Engineering Laboratory until his retirement. His insight, knowledge, and discoveries in snow physics have greatly contributed to our current understanding of snow in relation to avalanches. His work has had international impact and has affected snow related work globally from the avalanche forecaster to the civil/mechanical engineer.*

*Jim Giglinto has been a New York State Forest Ranger for the NYS Dept of Environmental Conservation in the Adirondack High Peaks for the past 17 years. Due to the propensity for avalanches in the mountains of northern New York Jim has been involved in avalanche-related activities since 2000.*

*Christopher Joosen has been working on Mount Washington since 1990 and avalanche forecasting for the US Forest Service Mount Washington Avalanche Center for the past 18 years. In 2000 he became the Lead Snow Ranger overseeing the Center's avalanche, search and rescue, and education efforts.*

*Rebecca Scholand, a meteorologist, started as a summer intern on the summit of Washington with the Mount Washington Observatory in the spring of 2009. One year later she moved into the Summit Museum Supervisor role and as of last month Rebecca has moved into an Observatory Valley Staff position. Coming down from her perch on the 6288ft peak she will be working to outreach the MWO's mission to individuals and organizations.*

*Jonathan Shefftz patrols at Northfield Mountain and at Mount Greylock. When he is not patrolling, teaching, or organizing the nascent Northeast Rando Race Series, he is a financial economics consultant and has been qualified as an expert witness in state and federal courts.*

*Eric Siefer is a former ski patroller, climbing guide, rope gun, and is currently the Northeast rep for Mammut USA*

*Kyle Tyler began his love for snow at a young age which drove him to attend Montana State in the early 1980's and had the privilege to be mentored by Dr. John Montagne, one of the Godfathers of Snow. These years created a lifelong desire for winter. He is the founder and owner of KnowSnow Inc. and the Eastern Representative of the American Avalanche Association.*

*Doug Workman is a former ski patroller, guide, NOLS instructor, Alaskan Heliski Guide, and is current the Institutional Rep for Mammut USA.*