

## Publications by Bruce Jamieson and colleagues

*Peer-reviewed journal papers (Names of graduate students and post-doctoral associates are bolded.)*

- Conlan, M.** and Jamieson, B. 2016. Naturally triggered persistent deep slab avalanches in western Canada Part I: Avalanche characteristics and weather trends from weather stations. [Journal of Glaciology](#) , [Volume 62](#) , [Issue 232](#) , April 2016 , pp. 243 - 255  
DOI: <https://doi.org/10.1017/jog.2016.1>
- Conlan, M.** and Jamieson, B. 2016. Naturally triggered persistent deep slab avalanches in western Canada Part II: Weather trends from model forecasts. [Journal of Glaciology](#) , [Volume 62](#) , [Issue 232](#) , April 2016 , pp. 256 – 269. DOI: <https://doi.org/10.1017/jog.2016.2>
- Conlan, M.** and Jamieson, B. 2016. [Formation and strengthening of layers of dry faceted grains above melt-freeze crusts from overburden load in a controlled environment.](#) Canadian Geotechnical Journal, <https://doi.org/10.1139/cgj-2015-0045>
- Horton, S., Schirmer, M.,** and Jamieson, B., 2015. The Cryosphere. [Meteorological, elevation, and slope effects on surface hoar formation](#), The Cryosphere Discuss., 9, 1857-1885, doi:10.5194/tcd-9-1857-2015.
- Sinickas, A.,** Jamieson, B. 2015. [Validating the Space-Time model for infrequent \(1:5 to 1:100 y\) snow avalanche events using field observations from the Columbia and Rocky Mountains](#), Canada. Arctic, Antarctic and Alpine Research.
- Schirmer, M.,** Jamieson, B., 2015. Verification of analyzed and forecasted winter precipitation in complex terrain. The Cryosphere, 9, 587-601.
- Thumlert, S.** and Jamieson, B., 2015. Stress measurements from common snow- slope stability tests, Cold Regions Science and Technology, 110, 38-46.
- Conlan, M.J.W., Tracz, D.R.** and Jamieson, B., 2014. Measurements and weather observations at persistent deep slab avalanches. Cold Reg. Sci. Technol., 97, 104-112.
- Horton, S., Bellaire, S.,** and Jamieson, B., 2014. Modelling the formation of surface hoar layers and tracking post burial changes for avalanche forecasting, Cold Regions Science and Technology, 97, 81-89.
- Schirmer, M.,** Jamieson, B., 2014. Limitations of using a thermal imager for snow pit temperatures. The Cryosphere, 8, 387-394.
- Sinickas, A.** and Jamieson, B., 2014. Comparing methods for estimating beta points for use in statistical snow avalanche runout models. Cold Regions Science and Technology, no. 104-105, pp. 23-32.
- Bellaire, S.,** Jamieson, B. and Fierz, C. 2013. Corrigendum to "Forcing the snow-cover model SNOWPACK with forecasted weather data" published in The Cryosphere, 5, 1115–1125, 2011, The Cryosphere, 7, 511-513.
- Bellaire, S.,** Jamieson, B. and Fierz, C., 2011. Forcing the snow-cover model SNOWPACK with forecasted weather data, The Cryosphere, 5, 1115-1125.
- Bellaire, S.** and B. Jamieson. 2013. Forecasting the formation of critical snow layers using a coupled snow cover and weather model. Cold Regions Science and Technology 94, 37-44.
- Thumlert, S., T. Exner, B. Jamieson** and **S. Bellaire.** 2013. Measurements of localized dynamic loading in a mountain snow cover. Journal of Glaciology 85, 94-101.

- Johnston, K.S.,** B. Jamieson, A. Jones. 2012. Estimating Extreme Avalanche Runout for the Columbia Mountains and Fernie Area of British Columbia, Canada. *Canadian Geotechnical Journal* 49(11), 1309-1318.
- Ross, C.K.H.** and B. Jamieson. 2012. The Propagation Saw Test: slope scale validation and alternative test methods. *Journal of Glaciology* 58(208), 407-416.
- Shea, C.,** B. Jamieson and K. Birkeland. 2012. Use of a thermal imager for snow pit temperatures. *The Cryosphere* 6, 287-299.
- Bellaire, S.,** B. Jamieson and C. Fierz. 2011. Forcing the snow-cover model SNOWPACK with forecasted weather data. *The Cryosphere* 5, 1115-1125.
- Shea, C.** and B. Jamieson. 2011. Sun effect on surface hoar illustrated by three case studies. *Cold Reg. Sci. Technol.* 68(3): 95-105.
- Shea, C.,** and B. Jamieson. 2011. Some fundamentals of handheld snow surface thermography. *The Cryosphere* 5: 55-66.
- Gauthier, D.M., C.I. Brown** and B. Jamieson. 2010. Modelling strength and stability changes in storm snow for avalanche forecasting. *Cold Reg. Sci. Technol.* 62: 107-118.
- Floyer, J.A.** and B. Jamieson. 2010. Rate effect experiments on round-tipped penetrometer insertion into uniform snow. *J. Glaciol.* 56(198): 664-672.
- Shea, C.** and B. Jamieson. 2010. Spatial estimation of surface hoar size using shading in satellite imagery. *Natural Hazards and Earth Systems Science* 10: 1317-1330.
- Shea, C.** and B. Jamieson. 2010. Star: An efficient and comparably accurate snow point-sampling method. *Ann. Glaciol.* 51(54): 64-72.
- Schweizer, J. and B. Jamieson. 2010. Snowpack tests for assessing snow-slope instability. *Ann. Glaciol.* 51(54): 187-194.
- Bakermans, L.,** B. Jamieson, J. Schweizer and P. Haegeli. 2010. Using stability tests and regional avalanche danger to estimate the local avalanche danger. *Ann. Glaciol.* 51(54): 176-186.
- Floyer, J.A.** and B. Jamieson. 2009. Predicting the fracture character of weak layers from snowpack penetrometer signals. *Cold Reg. Sci. Technol.* 59(2-3): 185-192.
- Bakermans, L.A.** and B. Jamieson. 2009. SWarm: A simple model to estimate near-surface snowpack warming for back-country avalanche forecasting. *Cold Reg. Sci. Technol.* 59(2-3): 133-142.
- Jamieson, B., J. Schweizer, and K. Birkeland. 2009. An update on applied snow and avalanche science: Selected papers from the 2008 International Snow Science Workshop, *Cold Reg. Sci. Technol.* 59(2-3): 103-105.
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- Gauthier, D.** and B. Jamieson. 2008. Evaluating a prototype field test for fracture and failure propagation in weak snowpack layers. *Cold Reg. Sci. Technol.*, 51(2-3): 87-97.
- Gauthier, D.** and B. Jamieson. 2008. Fracture propagation propensity in relation to snow slab avalanche release: Validating the Propagation Saw Test. *Geophys. Res. Lett.*, 35, L13501.
- Habermann, M., J. Schweizer and J.B. Jamieson. 2008. Influence of snowpack layering on human-triggered snow slab avalanche release. *Cold Reg. Sci. Technol.*, 54(3): 176-182.
- Colbeck, S., B. Jamieson and S. Crowe. 2008. An attempt to describe the mechanism of surface hoar growth from valley clouds. *Cold Reg. Sci. Technol.*, 54(2): 83-88.

- Schweizer, J., I. McCammon and B. Jamieson. 2008. Snowpack observations and fracture concepts for skier-triggering of dry-snow slab avalanches. *Cold Reg. Sci. Technol.*, 51(2-3): 112-121.
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- Jamieson, B., **C. Campbell** and **A. Jones**. 2008. Verification of Canadian avalanche bulletins including spatial and temporal scale effects. *Cold Reg. Sci. Technol.*, 51(2-3): 204-213.
- Jamieson, B., **A. Zeidler** and **C. Brown**. 2007. Explanation and limitations of study plot stability indices for forecasting dry snow slab avalanches in surrounding terrain. *Cold Reg. Sci. Technol.*, 50(1-3): 23-34.
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- Jamieson, B. 2006. Formation of refrozen snowpack layers and their role in slab avalanche release. *Reviews of Geophysics* 44: RG2001, doi:10.1029/2005RG000176.
- Gauthier, D.** and B. Jamieson. 2006. Towards a field test for fracture propagation propensity in weak snowpack layers. *Journal of Glaciology* 52(176): 164-168.
- Zeidler, A.** and B. Jamieson. 2006a. Refinements of empirical models to forecast the shear strength of persistent weak layers, Part A: Layers of faceted crystals. *Cold Regions Science and Technology* 44(3): 194-205.
- Zeidler, A.** and B. Jamieson. 2006b. Refinements of empirical models to forecast the shear strength of persistent weak layers, Part B: Layers of surface hoar crystals. *Cold Regions Science and Technology* 44(3): 184-193.
- van Herwijnen, A.F.G.** and J.B. Jamieson. 2005. High-speed photography of fractures in weak snowpack layers. *Cold Regions Science and Technology* 43(1-2): 71-82.
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- Johnson, B.C.**, B. Jamieson and R.R. Stewart. 2004. Seismic measurement of fracture speed in a weak snowpack layer. *Cold Regions Science and Technology* 40(1-2): 41-45.
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- Schweizer, J. and B. Jamieson. 2003. Snowpack properties for snow profile analysis. *Cold Regions Science and Technology* 37(3): 233-241.
- Chalmers, T.** and B. Jamieson. 2003. A snow-profile-based forecasting model for skier-triggered avalanches on surface hoar layers in the Columbia Mountains of Canada. *Cold Regions Science and Technology* 37(3): 371-381.
- Stethem, C., B. Jamieson, P. Schaerer, D. Liverman, D. Germain and S. Walker. 2003. Snow avalanche hazard in Canada - A review. *Natural Hazards* 28, Special Issue on An Assessment of Natural Hazards and Disasters in Canada, 487-515.
- Jamieson, B. and C. Stethem. 2002. Snow avalanche hazards and management in Canada: Challenges and progress. *Natural Hazards* 26(1): 35-53.
- Jamieson, B., T. Geldsetzer and C. Stethem. 2001. Forecasting for deep slab avalanches. *Cold Regions Science and Technology* 33(2-3): 275-290.
- Colbeck, S.C. and B. Jamieson. 2001. The formation of faceted layers above crusts. *Cold Regions Science and Technology* 33(2-3): 247-252.
- Chalmers, T.** and B. Jamieson. 2001. Extrapolating the stability trends of buried surface hoar layers from a study plot. *Cold Regions Science and Technology* 33(2-3): 163-177.
- Jones, A.S.T.** and B. Jamieson. 2001. Meteorological forecasting variables associated with skier-triggered dry slab avalanches. *Cold Regions Science and Technology* 33(2-3): 223-236.
- Schweizer, J. and B. Jamieson. 2001. Snow cover properties for skier-triggered avalanches. *Cold Regions Science and Technology* 33(2-3): 207-221.
- Jamieson, B. and C.D. Johnston. 2001. Evaluation of the shear frame test for weak snowpack layers. *Annals of Glaciology* 32: 59-69.
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- Wilson, A., J. Schweizer, C. Johnston and B. Jamieson. 1999. Effects of surface warming on a dry snowpack. *Cold Regions Science and Technology* 30(1999): 59-65.
- Jamieson, J.B. and C.D. Johnston. 1998. Refinements to the stability index for skier-triggered slab avalanches. *Annals of Glaciology* 26: 296-302.
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- Jamieson, J.B. and C.D. Johnston. 1992. A fracture-arrest model for unconfined dry slab avalanches. *Canadian Geotechnical Journal* 29: 61-66.
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*Peer-reviewed full conference papers*

- Jamieson, B. and **Sinickas, A.** 2015. A systematic approach to estimating the 300-year runout for dense snow avalanches. Disaster Prevention and Mitigation Conference, Canadian Society for Civil Engineering, 27-30 May 2015, Regina, Canada.

- Conlan, M.** and Jamieson, B. 2015. Improved forecasting of persistent deep slab avalanches with a decision support tool. Disaster Prevention and Mitigation Conference, Canadian Society for Civil Engineering, 27-30 May 2015, Regina, Canada.
- Sinickas, A.,** Maes, M., Jamieson, B., 2015. [Snow avalanches in western Canada: investigating change in occurrence rates and implications for risk assessment and mitigation.](#) Structure and Infrastructure Engineering, Special Issue on Decision-making for Uncertain Futures in a Changing Climate.
- Jamieson, B. and Jones, A. S. T., 2015. [The effect of under-reporting of non-fatal involvements in snow avalanches on vulnerability,](#) 12th International Conference on Applications of Statistics and Probability in Civil Engineering, University of British Columbia, Vancouver, Canada.
- Jamieson, B., Beglinger, R. and Wilson, D., 2014. Case study of a large snow avalanche in the Selkirk Mountains and reflections on the Canadian size classification, Proceedings of Geohazards6 - 6th Canadian GeoHazards Conference, Kingston, ON, Canada.
- Conlan, M.** and Jamieson, B., 2014. Case study of a solar triggered persistent deep slab avalanche. Proceedings of Geohazards6 Conference, 15-18 June, 2014, Kingston, ON, 6 pp.
- Johnston, K.S.,** A.S.T. Jones and B. Jamieson. 2011. Estimating extreme avalanche runout for the Columbia Mountains, British Columbia, Canada, 5th Canadian Conference on Geotechnique and Natural Hazards, 15-17 May 2011, Kelowna, BC.
- Tracz, D.,** S. Bellaire, B. Jamieson. 2011. Regional characteristics of spontaneous deep slab avalanches. 5th Canadian Conference on Geotechnique and Natural Hazards, 15-17 May 2011, Kelowna, BC.
- Gauthier, D.** and B. Jamieson. 2011. Scenario-specific observations for regional snow avalanche warnings. 5th Canadian Conference on Geotechnique and Natural Hazards, 15-17 May 2011, Kelowna, BC.
- Floyer, J.** and B. Jamieson. 2008. Avalanche weak layer tracing and detection in snow penetrometer profiles. In Locat, J., D. Perret, D. Turmel, D. Demurs and S. Leroueil (eds.), Proceedings of the Fourth Canadian Conference on GeoHazards, 20-24 May 2008, Laval University, Quebec. Canadian Geotechnical Society, p. 161-168. [IRC]
- Jamieson, B., **L. Bakermans** and P. Haegeli. 2008. Field observations for localizing snow avalanche danger. In Locat, J., D. Perret, D. Turmel, D. Demurs and S. Leroueil (eds.), Proceedings of the Fourth Canadian Conference on GeoHazards, 20-24 May 2008, Laval University, Quebec. Canadian Geotechnical Society, p. 543-550. [IRC]
- Gauthier, D.** and B. Jamieson. 2006. Understanding the propagation of fractures and failures leading to large and destructive snow avalanches: recent developments. Proceedings of the 2006 Annual Conference of the Canadian Society for Civil Engineering, First Specialty Conference on Disaster Mitigation, Calgary, Alberta, 23-26 May 2006.
- Jones, A.S.T.** and B. Jamieson. 2003. Estimating the average friction coefficient in a simplified avalanche dynamics model for short slopes in Canada. Proceedings of the Third Canadian Conference on Geotechnique and Natural Hazards, June 2003, Edmonton, Canada. Canadian Geotechnical Society, 309-316.
- Schweizer, J. and B. Jamieson. 2003. Snow stability measurements. Proceedings International Seminar on Snow and Avalanche Test Sites, Grenoble, France, 22-23 November 2001, CEMAGREF Editions, 317-331.
- Schweizer, J., B. Jamieson and D. Skjnsberg. 1998. Avalanche forecasting for transportation corridor and backcountry in Glacier National Park (BC, Canada). Proceedings of 25 Years

of Snow Avalanche Research (Voss, May 1998), edited by Erik Hestnes, Norwegian Geotechnical Institute, Publication 203, 238-244.

*Other peer-reviewed conference papers (e.g., reviewed abstracts)*

- Jamieson, B., **Bellaire, S., Sinickas, A., Thumlert, S.**, Abstract. A review of climate change effects on snow and avalanches in western Canadian Mountains, International Union of Geodesy and Geophysics General Assembly, Prague, Czech Republic, June 2015.
- Horton, S.**, Jamieson, B. Abstract. Modelling the distribution of surface hoar layers, International Union of Geodesy and Geophysics General Assembly, Prague, Czech Republic, June 2015.
- Jamieson, B., Haegeli, P., Statham, G., Abstract. Uncertainty in snow avalanche risk assessments, GeoQuebec 2015, Canadian Geotechnical Society.
- Sinickas, A.**, Jamieson, B., Haegeli, P., Abstract. Skier triggering of backcountry avalanches with skilled route selection. European Geophysical Union, Snow Avalanche Dynamics, Hazard Mapping and Risk Management Session, Vienna, Austria, April 2015.
- Schirmer, M.**, Jamieson, B. Submitted. Verification of winter precipitation forecasts and analyses, Canadian Geophysical Union Joint Assembly, 3-7 May, 2015, Montreal, Canada.
- Horton, S., Schirmer, M.**, Jamieson, B. Abstract accepted. Forecasting critical avalanche layers with high resolution weather forecasts, Canadian Meteorological & Oceanographic Society Conference, Whistler, Canada.
- Fierz, C., **Bakermans, L.**, Jamieson, B., Lehning, M., 2012. Short-wave radiation into the snowpack: Model verification with snow temperatures. Symposium on Seasonal Snow and Ice, Lahti, Finland. Abstract.
- Bellaire, S.**, B. Jamieson and C. Fierz. 2011. pSNOWPACK: A forecasting tool for avalanche warning services. IUGG 2011 General Assembly, 28 June 2011, Melbourne, Australia. Abstract.
- Delparte, D.**, B. Jamieson and N. Waters. 2010. Evaluating terrain based criteria for snow avalanche exposure ratings using GIS. Geophysical Research Abstracts 12, 8620-1.
- Schweizer, J. and B. Jamieson. 2008. Dry-snow slab avalanche release revisited: shear vs. collapse? Geophysical Research Abstracts 10, 10994-1.
- Habermann, M., J. Schweizer and B. Jamieson. 2007. Influence of slab properties on human-triggered snow slab avalanche release. European Geosciences Union General Assembly, 15-20 April 2007 in Vienna. Natural Hazards Section NH7.01: Snow cover, snow avalanche formation and dynamics, risk assessment. Geophysical Research Abstracts 9: 11521.
- van Herwijnen, A.**, and B. Jamieson. 2006. Snowpack properties associated with skier-triggering of dry slab avalanches. European Geosciences Union General Assembly, 2-7 April 2006 in Vienna. Natural Hazards Section NH7.02: Snow avalanche formation, avalanche dynamics and risk assessment. Geophysical Research Abstracts 8: 06396.
- Jamieson, B., **A. Zeidler** and **C. Brown**. 2006. Spatial extrapolation of slab stability indices for snow avalanche forecasting. European Geosciences Union General Assembly, 2-7 April 2006 in Vienna. Natural Hazards Section NH7.02: Snow avalanche formation, avalanche dynamics and risk assessment. Geophysical Research Abstracts 8: 09663.

*Books*

- Jamieson, B. and L. Zacaruk. 2014. 3rd edition. Sledding in Avalanche Terrain: Reducing the Risk. Canadian Avalanche Association, Revelstoke, BC, 74 pp. First edition available in French as La motoneige en terrain avalancheux: Comment reduire les risques. Translated by M. Thibaudeau. Canadian Avalanche Association, Revelstoke, BC, 63 pp.
- Jamieson, B. and J. McDonald. 2012. Free Riding in Avalanche Terrain, A Snowboarder's Handbook (second edition). Canadian Avalanche Association, Revelstoke, BC, 78 pp. Japanese translation of first edition available from Japanese Avalanche Network, Tokyo, Japan.
- Jamieson, B. 2011. Backcountry Avalanche Awareness. 8<sup>th</sup> edition, (First published 1989). Canadian Avalanche Association, Revelstoke, BC, 84 pp. 6<sup>th</sup> edition available in French as Sensibilisation aux Avalanches en Montagne. 1997. Translated by M. Perron and M. Thibaudeau. Canadian Avalanche Association, Revelstoke, BC, 55 pp. 7<sup>th</sup> edition translated into Swedish, 2009 by Stefan Mårtensson.
- Jamieson, B., P. Haegeli and D. Gauthier. 2010. Avalanche Accidents in Canada 5, 1996-2007, Canadian Avalanche Association, Revelstoke, BC, 429 pp.
- Jamieson, B., D. Svederus and L. Zacaruk. 2007 (2<sup>nd</sup> edition). Sledding in Avalanche Terrain: Reducing the Risk. Canadian Avalanche Association, Revelstoke, BC, 74 pp. First edition available in French as La motoneige en terrain avalancheux: Comment reduire les risques. Translated by M. Thibaudeau. Canadian Avalanche Association, Revelstoke, BC, 63 pp.
- Jamieson, B., C. Stethem, P. Schaerer and D. McClung (eds.). 2002. Land Managers Guide to Snow Avalanche Hazards in Canada, Canadian Avalanche Association, 25 pp. The committee members who wrote the book are listed as editors under the corporate authorship of the Canadian Avalanche Association.
- McClung, D., C. Stethem, P. Schaerer and B. Jamieson (eds.). 2002. Guidelines for Snow Avalanche Risk Determination and Mapping in Canada, Canadian Avalanche Association, 23 pp. The committee members who wrote the book are listed as editors under the corporate authorship of the Canadian Avalanche Association.
- Jamieson, B. and T. Geldsetzer. 1997. Avalanche Accidents in Canada: 1984-96, Canadian Avalanche Association, Revelstoke, BC, 203 pp. Translated by M. Perron and M. Thibaudeau as Avalanches au Canada, 1984-1996, 219 pp.

### *Chapters*

- Jamieson, B. 2001. Snow avalanches. In: A Synthesis of Geological Hazards in Canada. Bulletin 548, G.R. Brooks (ed.). Geological Survey of Canada, 81-100.

### *Selected non-reviewed publications*

- Jamieson, B., 2015. Interview on evaluating the avalanche hazard due to layers of buried surface hoar, *Avalanche Review* 33(4), 11.
- Conlan, M.** and Jamieson, B., 2014. An expert opinion survey for the development of a decision support tool for persistent deep slab avalanche forecasting. Proceedings of the 2014 International Snow Science Workshop, 29 September to 3 October, 2014, Banff, AB, 416-419.
- Kim, D.** and Jamieson, B., 2014. Estimating the density of dry snow layers from hardness, and hardness from density, International Snow Science Workshop. Banff, pp. 499-506.
- Gauthier, D., **Conlan, M.**, Jamieson, B., 2014. Photogrammetry of fracture lines and avalanche terrain: Potential applications to research and hazard mitigation projects. Proceedings of the

- 2014 International Snow Science Workshop, 29 September to 3 October, 2014, Banff, AB, 109-115.
- Schweizer, J., Reuter, B., van Herwijnen, A., and Jamieson, B., 2014. On how the tensile strength of the slab affects crack propagation propensity, International Snow Science Workshop. Banff, Alberta, Canada, 164-168.
- Greene, E., Jamieson, B., and Logan, S., 2014. Fatal occupational injuries of avalanche workers in North America, International Snow Science Workshop. Banff, Alberta, Canada, 293-299.
- Haladuick, S., Schirmer, M.** and Jamieson, B., 2014. What do field observations tell us about avalanche danger? International Snow Science Workshop. Banff, Alberta, Canada, pp. 63-66.
- Horton, S., Schirmer, M.**, and Jamieson, B., 2014. Online mapping to visualize the distribution of surface hoar layers, International Snow Science Workshop. Banff, Alberta, Canada, pp. 547-549.
- Schirmer, M.**, Jamieson, B., 2014. How accurate are weather models in assisting avalanche forecasters? International Snow Science Workshop, Banff, Alberta, Canada.
- Smith, M.** and Jamieson, B., 2014. A new set of thermal conductivity data for melt-freeze crusts, International Snow Science Workshop. Banff, Alberta, Canada, 507-510.
- Thumlert, S., Bellaire, S.,** and Jamieson, B., 2014. Relating avalanche activity to coupled ocean – atmospheric phenomena, International Snow Science Workshop, 481-485.
- Thumlert, S.**, Jamieson, B. 2013. Measurements of triggering stress transmitted through the upper snowpack, International Snow Science Workshop, 7/10/2013, Grenoble, France,
- Bellaire, S.,** and Jamieson, B., 2013. On estimating avalanche danger from simulated snow profiles. Proceedings of the International Snow Science Workshop 2013, Grenoble Chamonix-MontBlanc, France, 7 - 11 October 2013, ANENA-IRSTEA-Météo-France, 154 – 161.
- Bellaire, S.,** Jamieson, B., and Statham, G., 2013. Does climate change affect avalanche activity? - a study at Rogers Pass, Canada, International Snow Science Workshop. Grenoble, France.
- Bellaire, S.,** and Jamieson, B., 2013. On estimating avalanche danger from simulated snow profiles, International Snow Science Workshop. Grenoble, France.
- Bellaire, S.,** Statham, G., and Jamieson, B., 2013. Relating avalanche activity to climate change and coupled ocean - atmospheric phenomena, Davos Atmosphere and Cryosphere Assembly 2013. Davos, Switzerland.
- van Herwijnen, A., Bair, N., Birkeland, K., Reuter, B., Simenhois, R., Jamieson, B., 2013. Using particle tracking velocimetry to measure the mechanical properties of snow relevant for dry - snow slab avalanche release, Davos Atmosphere and Cryosphere Assembly 2013, 08/07/2013, Davos, Switzerland.
- Bellaire, S.,** Jamieson, B., Statham, G., 2013. Relating avalanche activity to climate change and coupled ocean-atmospheric phenomena, Davos Atmosphere and Cryosphere Assembly DACA-13, 12/07/2013, Davos, Switzerland.
- Schweizer, J., Jamieson, B., Reuter, B., 2013. How surface warming affects dry-snow instability, The Avalanche Review 31, p.25,31.
- Thumlert, S.,** Jamieson, B., **Exner, T.** 2012. How do you stress the snowpack?, International Snow Science Workshop, 16/09/2012, Volume 1, Anchorage, Alaska, 506-512.



- Horton, S., Bellaire, S.,** Jamieson, B., 2012. Modelling surface hoar formation and evolution on mountain slopes, International Snow Science Workshop, 16/09/2012, Volume 1, Anchorage, Alaska, p.194-200.
- Conlan, M., Tracz, D.,** Jamieson, B., 2012. Measurements at recent deep slab avalanches, , International Snow Science Workshop, 16/09/2012, Volume 1, Anchorage, Alaska, p.55-61.
- Bellaire, S.,** Jamieson, B., 2012. Nowcast with a forecast – Snow cover simulations on slopes, , International Snow Science Workshop, 16/09/2012, Volume 1, Anchorage, Alaska, p.172-178.
- Sinickas, A.,** Jamieson, B., 2012. Statistical avalanche runout models: How well can computers predict beta? International Snow Science Workshop, 16/09/2012, Volume 2, Anchorage, Alaska, p.716-722.
- Gauthier, D.,** Jamieson, B., 2012. The Propagation Saw Test (PST): A review of its development, applications, and recent research, International Snow Science Workshop, 16/09/2012, Volume 2, Anchorage, Alaska, p.1047-1053.
- Buhler, R.,** Jamieson, B., 2012. Tracking melt-freeze crust evolution, , International Snow Science Workshop, 16/09/2012, Volume 1, Anchorage, Alaska, p.84-91.
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