



SHAC

2024

SOUTHERN HEMISPHERE ALPINE CONFERENCE

LAKE WĀNAKA CENTRE, WĀNAKA

PROGRAMME

Please note: *This programme is subject to change at any time. Single-day ticket sales are final and dates cannot be changed after purchase. This is due to restrictions on the venue's capacity. We apologise for any inconvenience.*

DAY 01 - WEDNESDAY 12 JUNE

- | | |
|------------------|---|
| 0815-0855 | Registration opens |
| 0900-0915 | Welcome
Mike Daisley MSC Chief Executive |
| 0915-0945 | Quantifying the impact of new data streams on avalanche forecasting
Jordy Hendriks |
| 0945-1015 | Glide Crack Avalanches
Llewellyn Murdoch |
| 1015-1040 | Learnings from a multi-agency avalanche response and advising the public during a persistent slab cycle
Will Rowntree |
| 1040-1110 | Morning tea & Alpine Exhibition
Armstrong Room |
| 1110-1140 | Observed terrain use: A lens for understanding decision-making in avalanche terrain
Jordy Hendriks |
| 1140-1200 | Medical preparedness of South Island ski fields for alpine fault 8 earthquake
Emilie Agnew & Dick Price |
| 1200-1230 | Insights into wet snow
Jim Spencer |
| 1230-1250 | Search and Rescue Dogs Avalanche sector update
Andy Hoyle |
| 1250-1350 | Lunch & Alpine Exhibition
Armstrong Room |
| 1350-1415 | Using infrasound to monitor snow avalanche activity in Mount Cook/Aoraki National Park
Leighton Watson |
| 1350-1415 | A smorgasbord of research involving PWL and whumpfung + inside the CAIC field safety programme
Ethan Greene, CAIC |
| 1515-1535 | Avalanche control in Japan - the snow safety program at Arai Snow Resort
Ryan Leong |
| 1535-1605 | Afternoon tea & Alpine Exhibition
Armstrong Room |
| 1605-1630 | The value of ski patrol observations for climate research
Anita Bentley |
| 1630-1655 | Forecasting freezing levels: How they're calculated and why they're so tricky to get right
Mads Naeraa |
| 1655-1725 | Human hazard management & adversity
Ken Wylie |

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ALPINE CONFERENCE

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1725-1730

Day wrap up
Bianca Bratton | *MSC Partnerships Advisor Alpine*

VENUE RESET

1830-1945

Social & dinner/drinks
Food & drink available to purchase (cash & chip card only)

1945-2200

To the Hills & Back*
Film & panel discussion facilitated by Dr Ian Snape | Panel Discussion with Gary Kuehn, Julie Robinson and Anthea Fisher
Entry: Free with your SHAC ticket, or \$15 per ticket for general admission.

* We recognise that this subject matter may evoke strong emotions and memories of tragic events that have affected members of the alpine community. We acknowledge that some members may find the film or panel discussion difficult to watch. The intention is to foster a respectful and supportive atmosphere, conducive to learning and sharing.

DAY 02 - THURSDAY 13 JUNE

0900-0915

MSC and the Adventure Voice Research Community
Bevan Smith | *Senior Partnerships and Insights Advisor*

0915-1015

Practical approaches to selfcare, recovery and leadership for alpine professionals and organisations
Dr Ian Snape

1015-1030

Playing the snow stakes game - the practical application of snow anchors
Jamie Robertson

1030-1100

Morning Tea & Alpine Exhibition
Armstrong Room

1100-1120

An overview of updates from NIWA projects involving snow
Jono Conway & Alice Hill

1120-1155

Using explosives for avalanche mitigation
Connor Glynn, Ryan Leong, Andy Hoyle
Panel Discussion facilitated by Jamie Robertson

1155-1220

Rain-on-snow in New Zealand: Insights from the July 2022 extreme rain event
Aubrey Miller & Todd Redpath

1220-1245

Challenges and Opportunities for the international guiding community
Kurt Walde & Urs Wellauer | IFMGA

1245-1345

Lunch & Alpine Exhibition
Armstrong Room

1345-1410

First 30: Patient management and critical care in the first 30 minutes
Matt Wilkinson

1410-1510

A case study of the historical Colorado avalanche cycle from March 2019
Ethan Greene | CAIC

1510-1535

Big mountain skiing: Insights into decision making and communication in high consequence environments
Will Rowntree

1535-1540

Day 2 & SHAC wrap up
Bianca Bratton | *MSC Partnerships Advisor Alpine*