



Welcome

You are here

24 February 2025



Try Pitch

Name · Password

... a bit of history ... skience since 2011

2011	ObsPy, Forward modelling, DG, SEM, Adjoint
2012	ObsPy, Source Inversion
2013	Python, ObsPy, Databases
2014	ObsPy, Seismic Array Processing
2015	ObsPy, Forward Modelling, FD,PS,FE,SE,FV,DG
2016	ObsPy, Induced Seismicity

Hotel Information

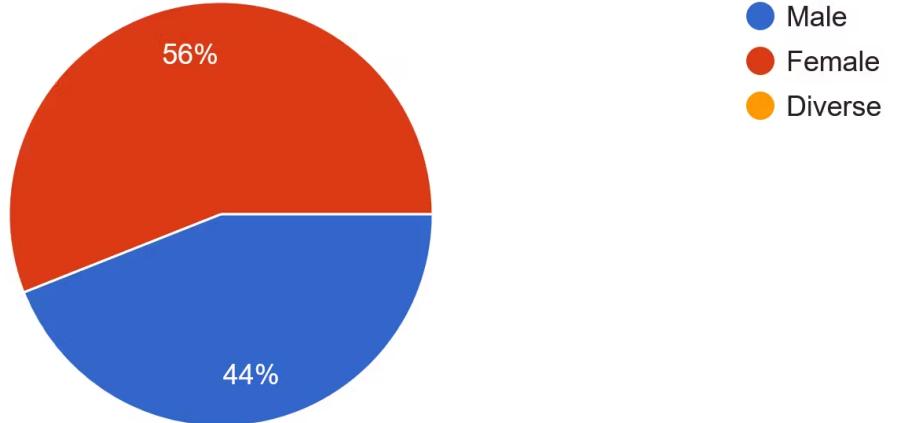
- fully booked for us
- Rooms & Cleaning
- Wifi: BFS-Guest
- Ski Garage
- Breakfast 7:30-8:30 (start at 8:30)
- Dinner 18:30
- NO LUNCH (only on demand)
- Drinks
- What needs to be paid?

Questions?

Statistics

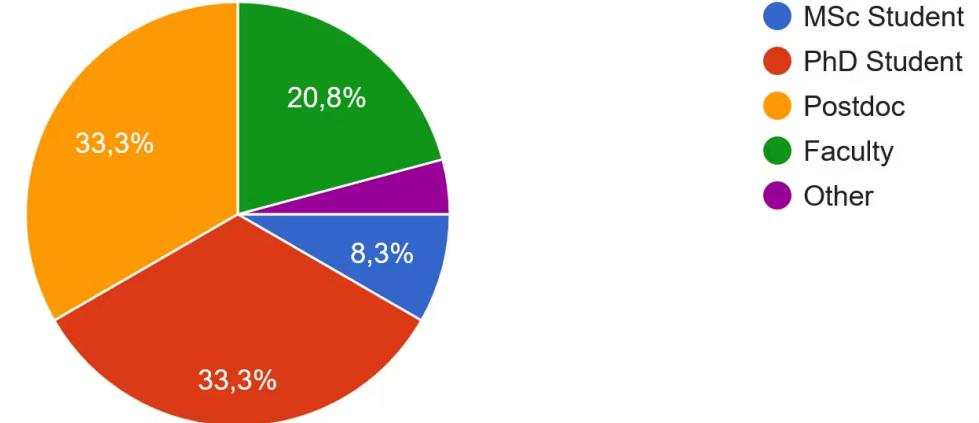
Further info

25 Antworten



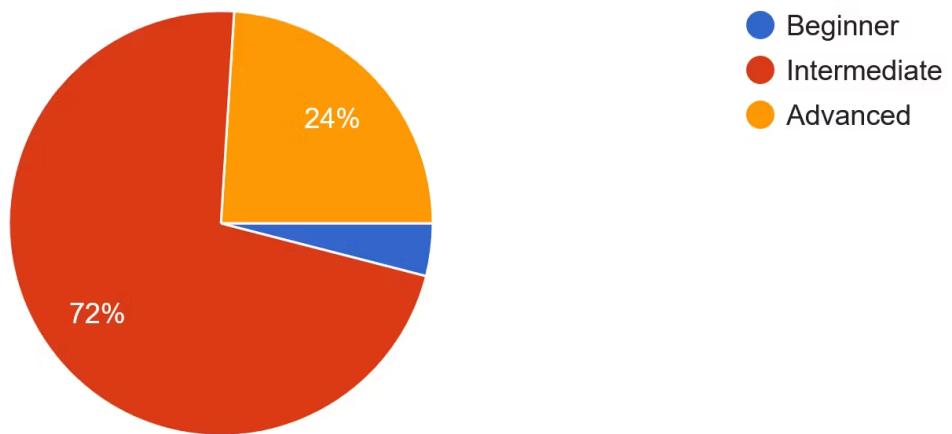
Professional Level

24 Antworten



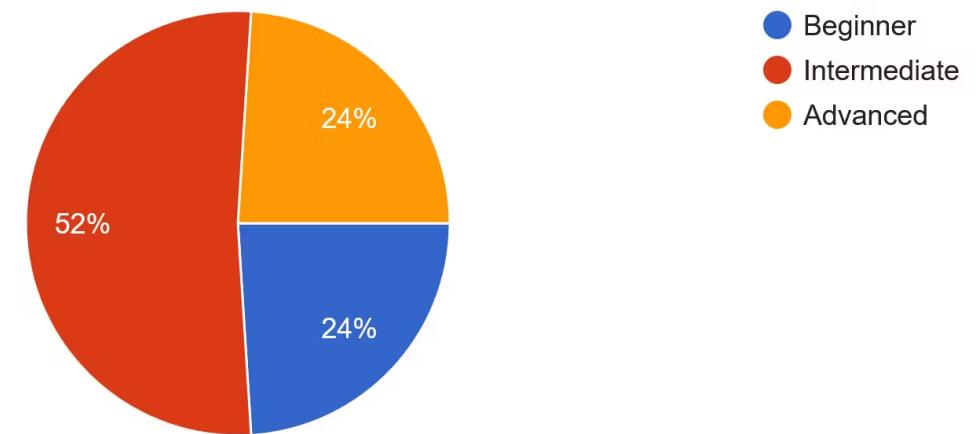
Please give us your level of Python experience

25 Antworten



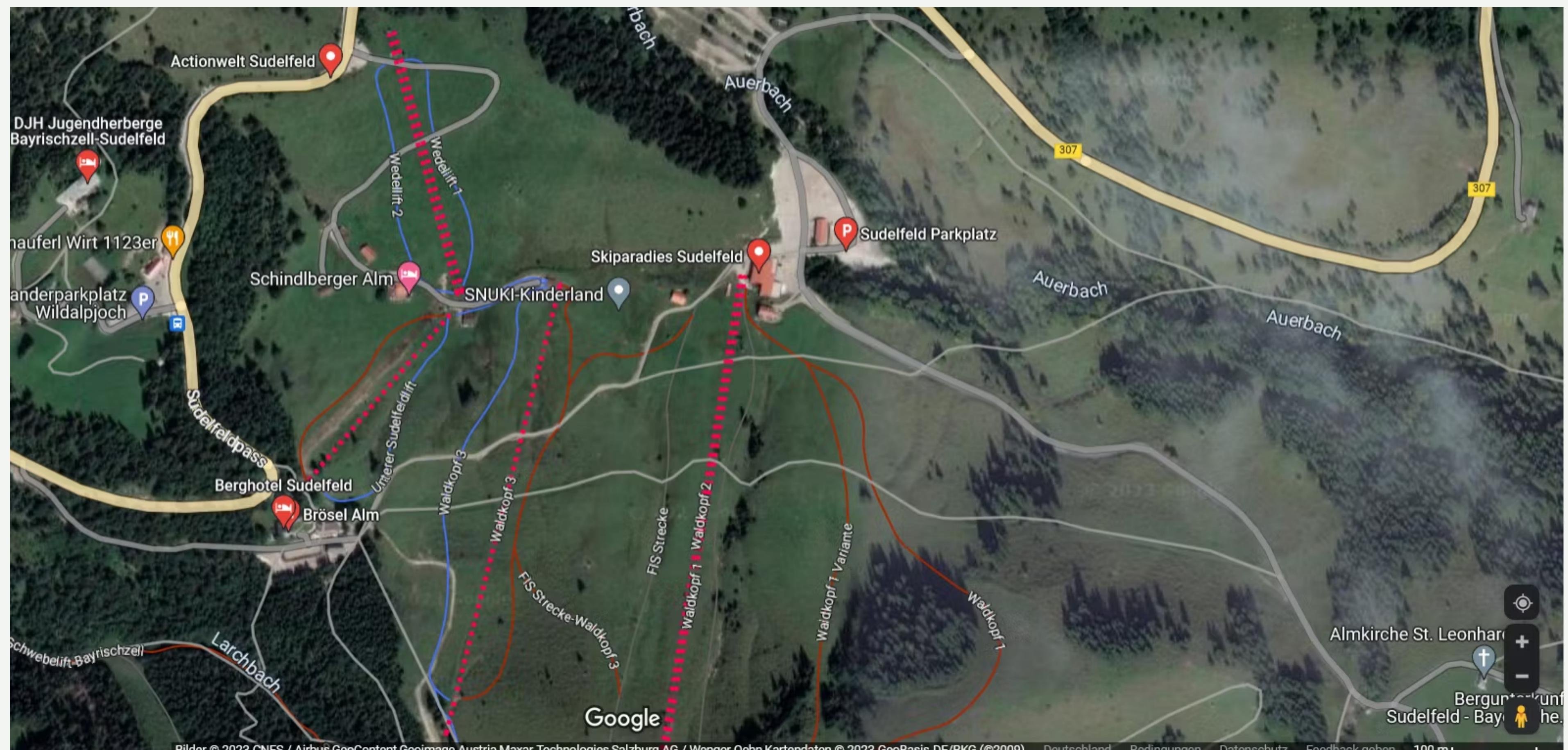
Please give us your level of ObsPy experience

25 Antworten



Workshop Agenda

	Morning 8:30-11	11-15	Afternoon 15-18	Evening
Sun		S K I I N G	Arrival of participants Icebreaker 18:00 in Restaurant Ground Floor	
Mon	Welcome, Introduction to the Workshop "City Seismology" <i>Igel</i> News on ObsPy <i>Wassermann</i> The <i>myshake</i> Project <i>Allen</i> Nodes in the City <i>Van Noten</i>	S K I I N G S N	Know your Noise (MSNoise) <i>Lecocq</i> Site effects, resonance, HVSR <i>Van Noten</i>	Experiment in the Hotel or vicinity (building vibrations)
Tue	6C for cities, Data processing with TwistPy <i>Keil</i> Distributed acoustic sensing for investigating the subsurface – Applications <i>Stutzmann</i>	O W B O A R D I N G	Distributed acoustic sensing - Fundamentals, data processing, interferometry <i>Bowden</i>	Evening Special: Seismic signature of skiing <i>Brass</i>
Wed	Nonlinear near surface effects <i>Bonilla</i> Science talks from participants	A R D I N G	Free afternoon, parallel slalom, ski hut	Bogner Ski Film Night ("Fire and Ice")
Thu	Structural Health Monitoring - time domain - 6C and DAS <i>Bernauer</i>	A R D I N G	Structural Health Monitoring - frequency domain <i>Rossi, Dhabu</i>	Mulled Wine outside, Special Dinner
Fri	Science talks from participants		Participants leave	



Wintersport Information

- Ski Rental
- Ski pass
- Huts
- Beginners?
- Safety first
- Returning equipment
- Ski area
- Sun screen! (50+)

Hotel

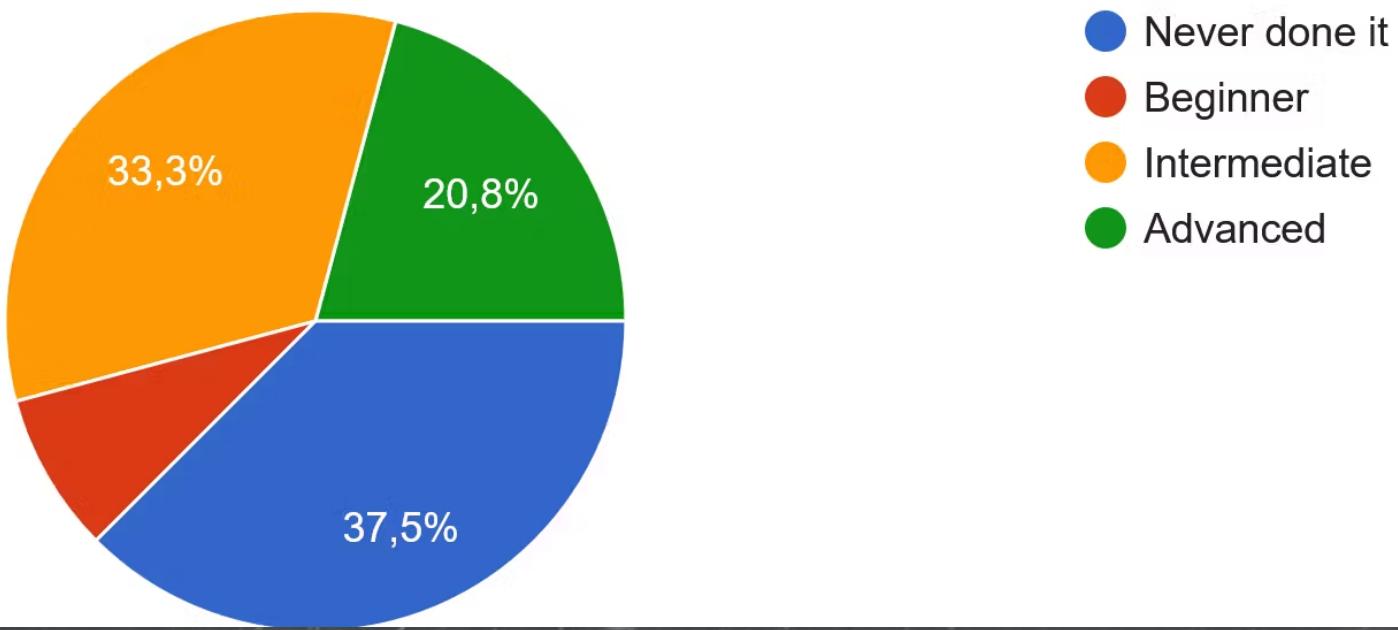


Ski Area

Tages- und Halbtageesskipässe				
Tageskipass	51,00 €	48,00 €	44,00 €	25,00 €
Vormittagskarte bis 13 Uhr	44,00 €	43,00 €	37,00 €	19,50 €
Nachmittagskarte ab 12 Uhr	42,00 €	41,00 €	35,00 €	18,50 €
Happy-Hour-Skipass täglich ab 14.30 Uhr	23,00 €	23,00 €	23,00 €	10,00 €
Gruppen- und Skikurskarten				
Ermäßigte Tageskarte für Gruppen ab 20 Personen und Skikurse ab 7 Personen	46,00 €	43,00 €	40,00 €	22,00 €
Stundenkarten				
3 Stunden	40,00 €	38,00 €	34,00 €	19,00 €
4 Stunden	45,00 €	43,00 €	38,00 €	20,50 €
Punktekarten				

If the previous answer was YES, what is your level (ski or snowboard)

24 Antworten



XX February 2023

Tracking Skiers 2025 Planning

15th Munich Earth Science School
Environmental Seismology

Try Pitch

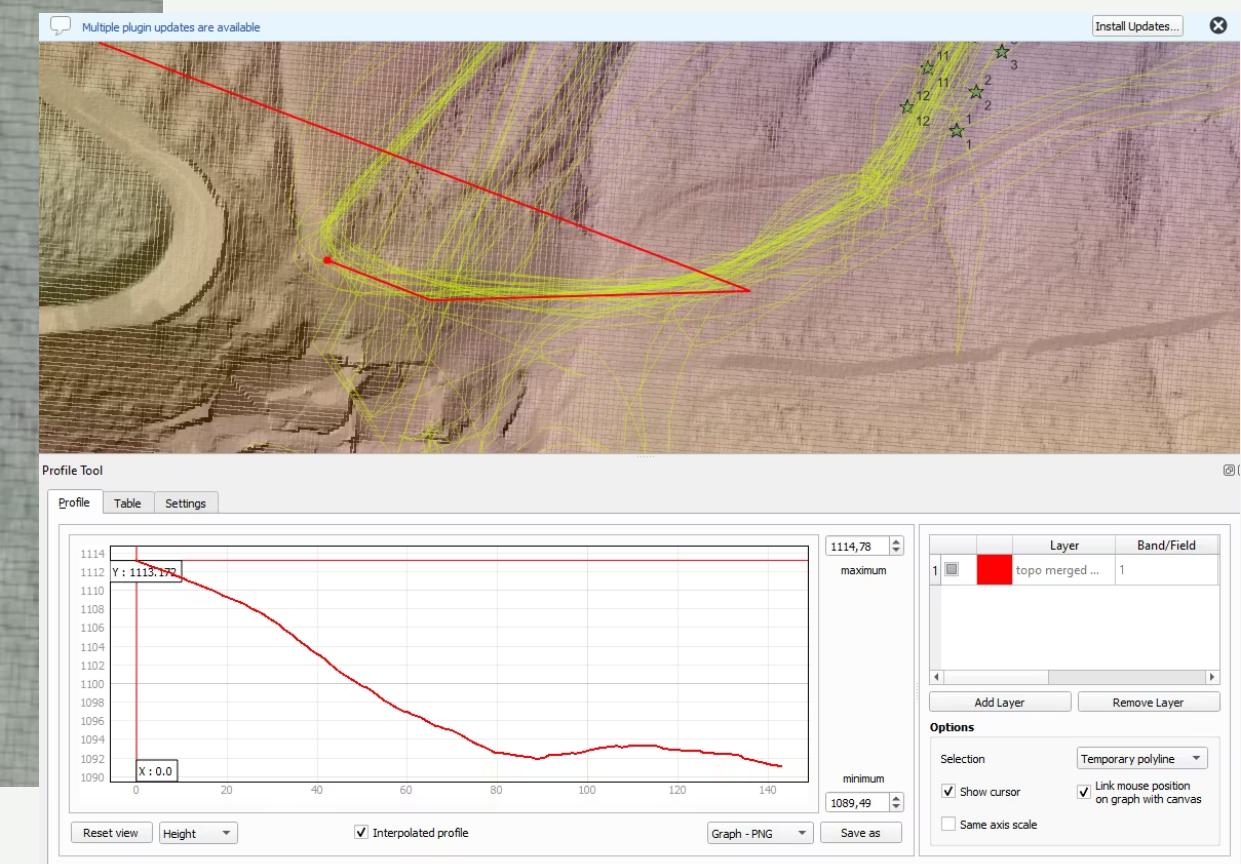


Track your ski
effort !

Strava
Garmin
Whatever



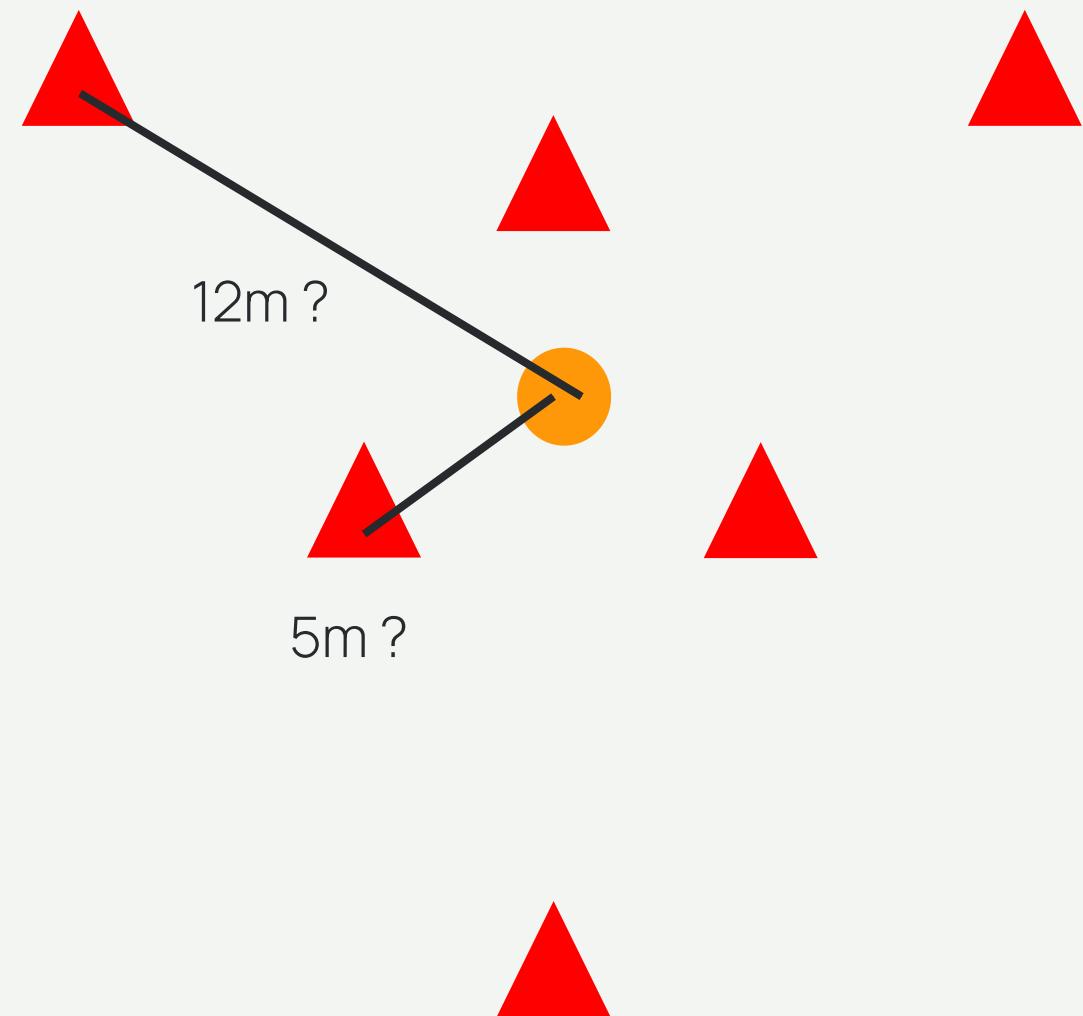
Try Pitch





Layout ?

- 2 of 6+1 ?
- 3 x 3 arrays
- station spacing?
- oriented towards piste?



Tracking Skiers 2025 pre-results

15th Munich Earth Science School
Environmental Seismology

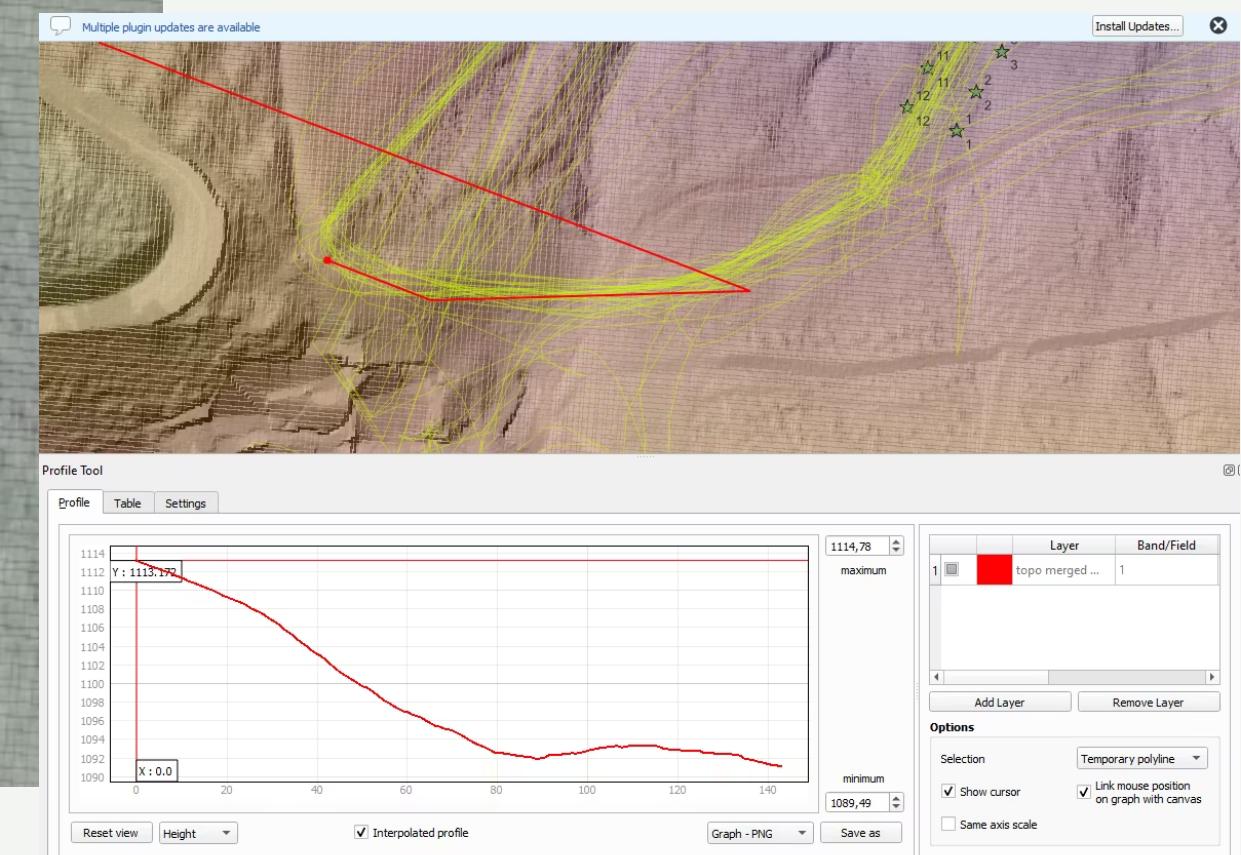


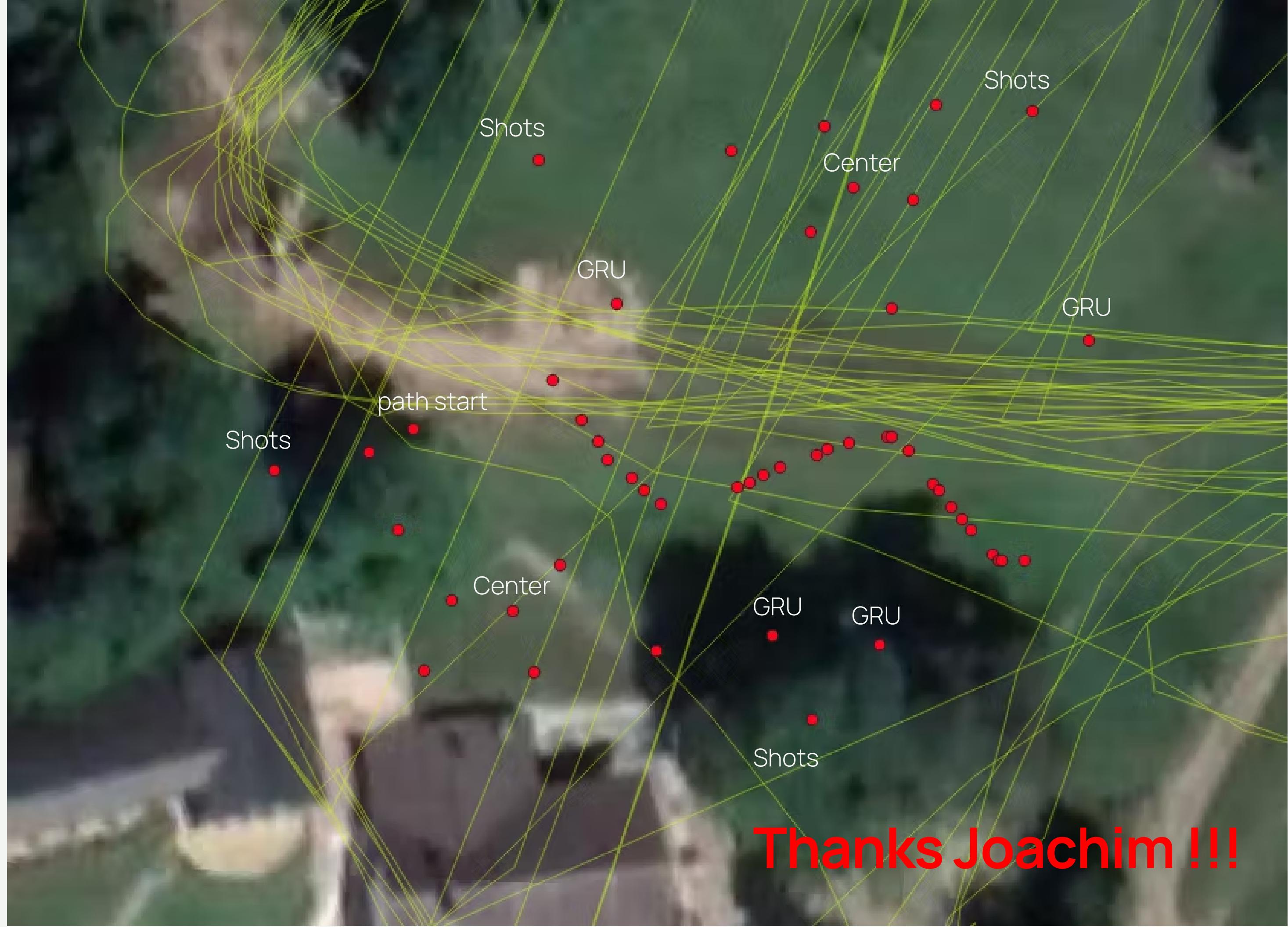
Track your ski
effort !

Strava
Garmin
Whatever



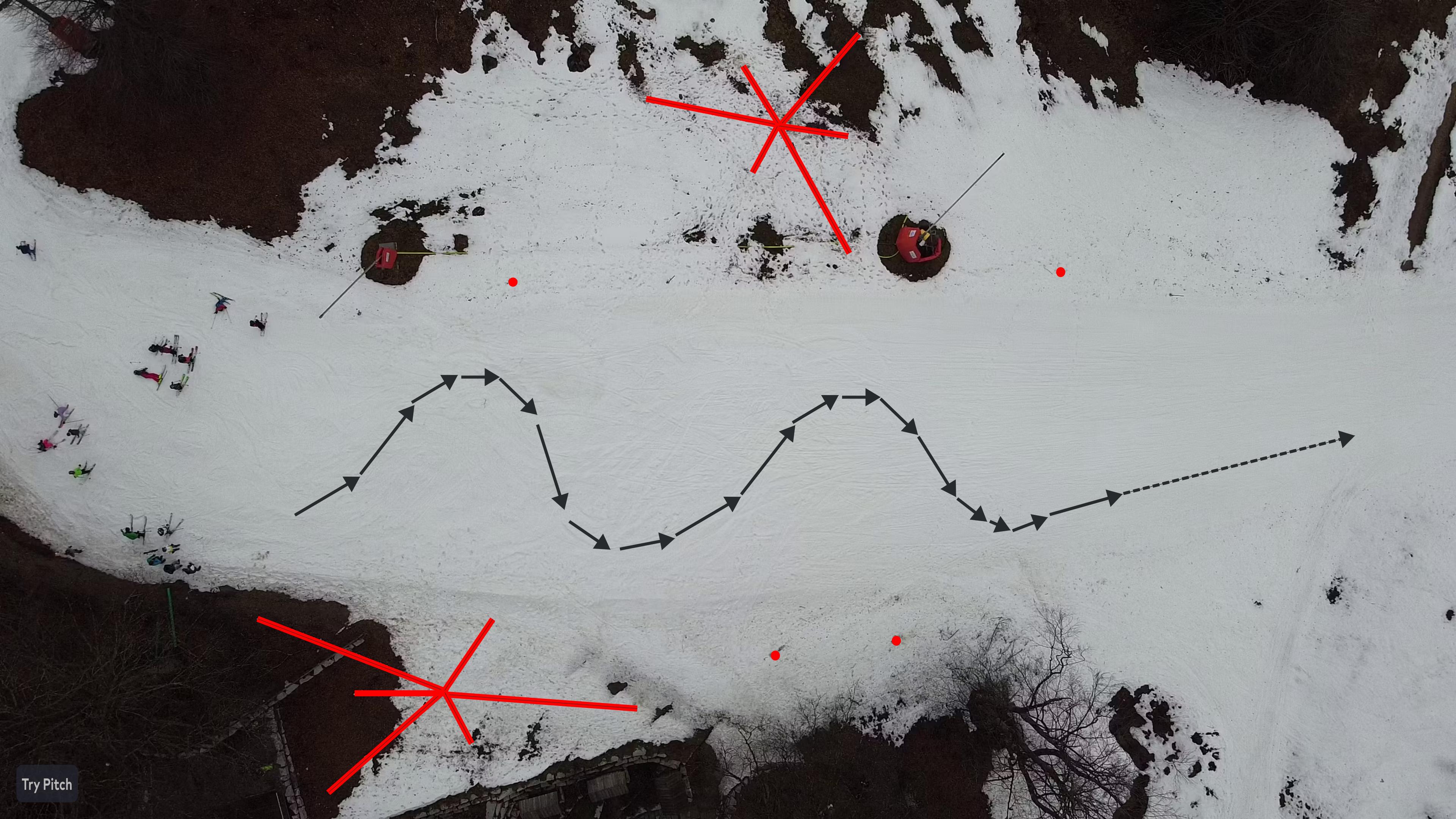
Try Pitch







Try Pitch



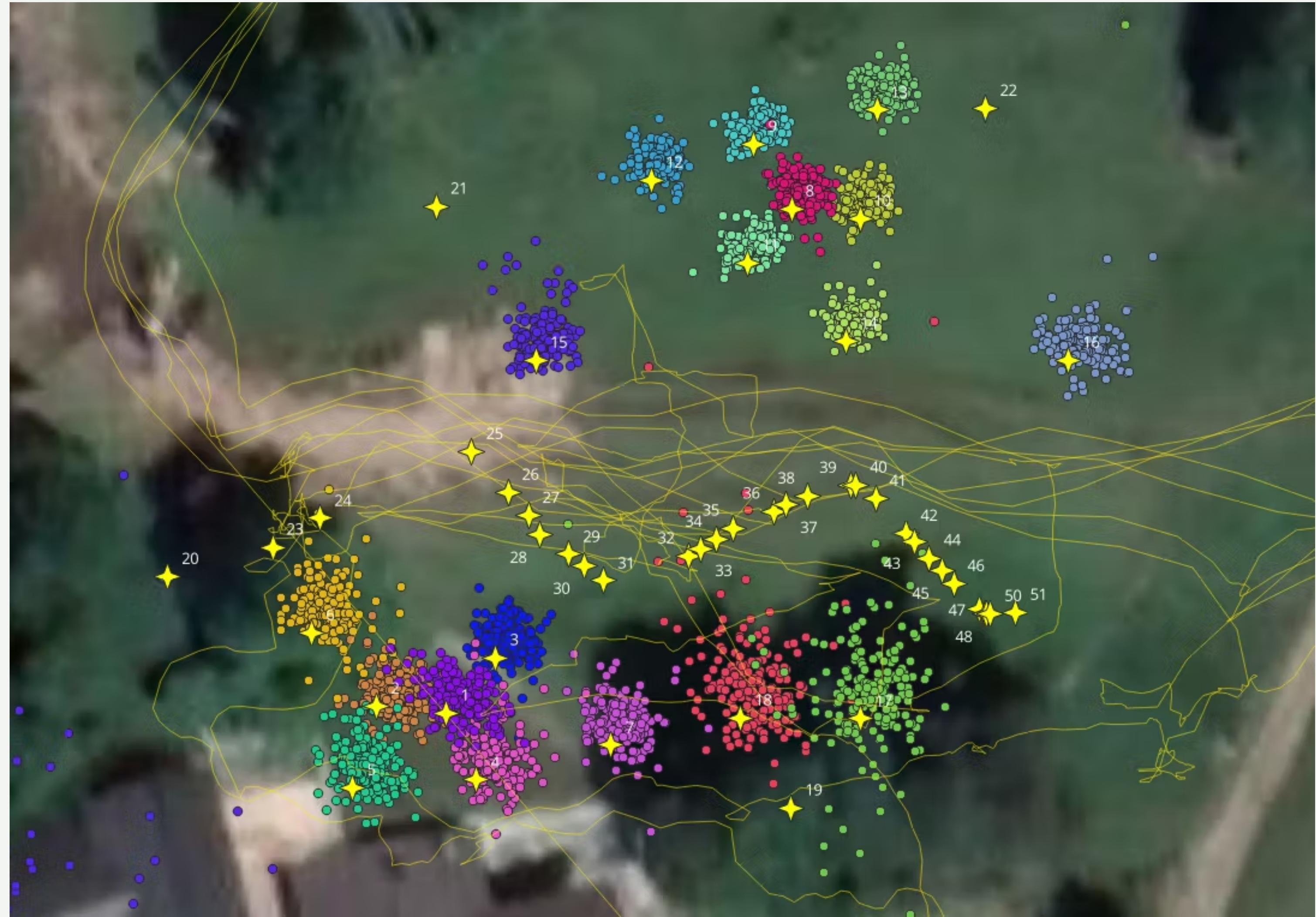
Try Pitch

Tracking Skiers 2025 first results

Data will be shared:

- SDS (4.4 GB - 500 Hz data)
- Response
- dGPS positions
- Logbook with timings
- Drone video footage
- other photos & videos

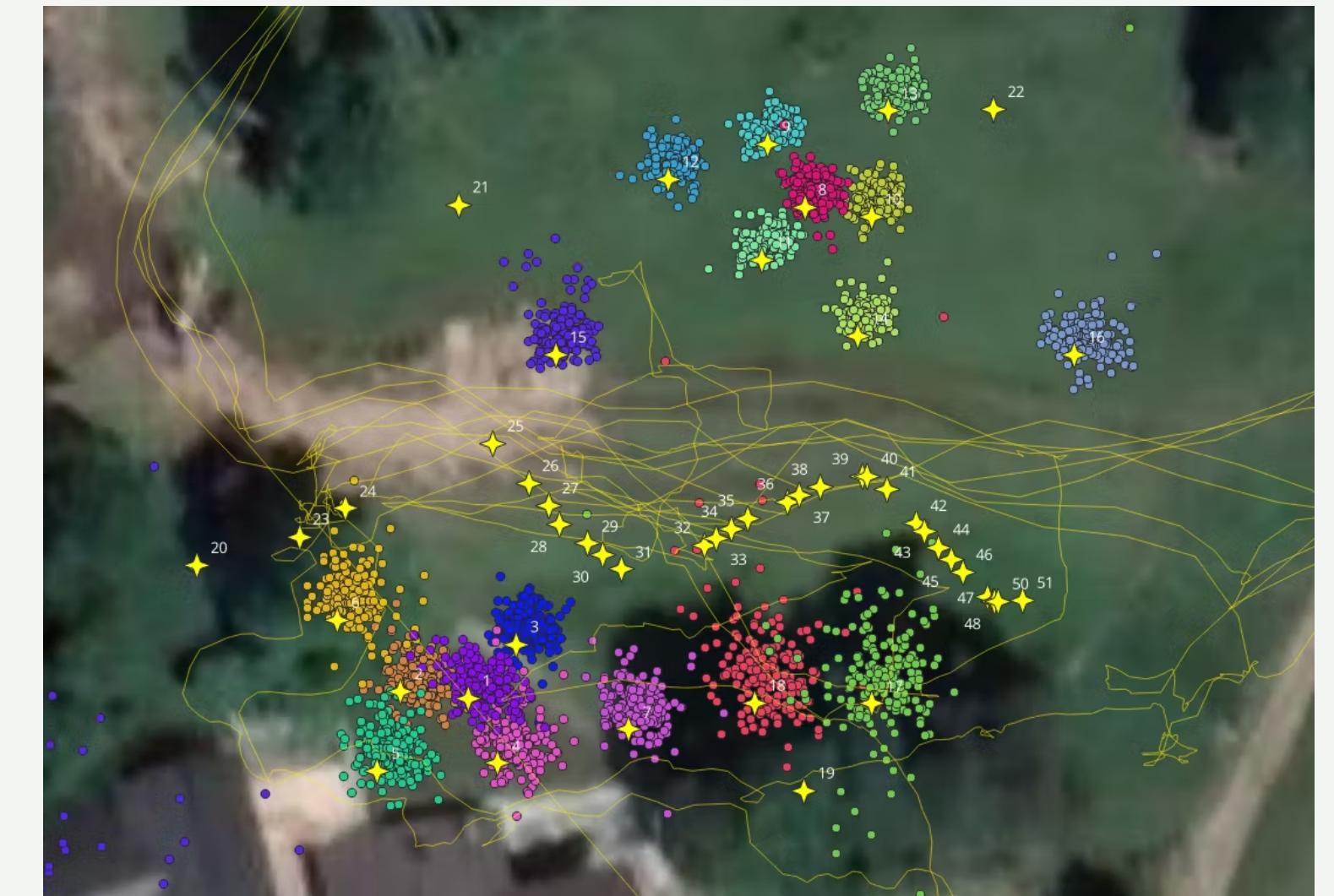




Try Pitch



Decoupling due to melting?



Heiner Test 1 Skience 2025



Heiner Test 1 Skience 2025



Try Pitch

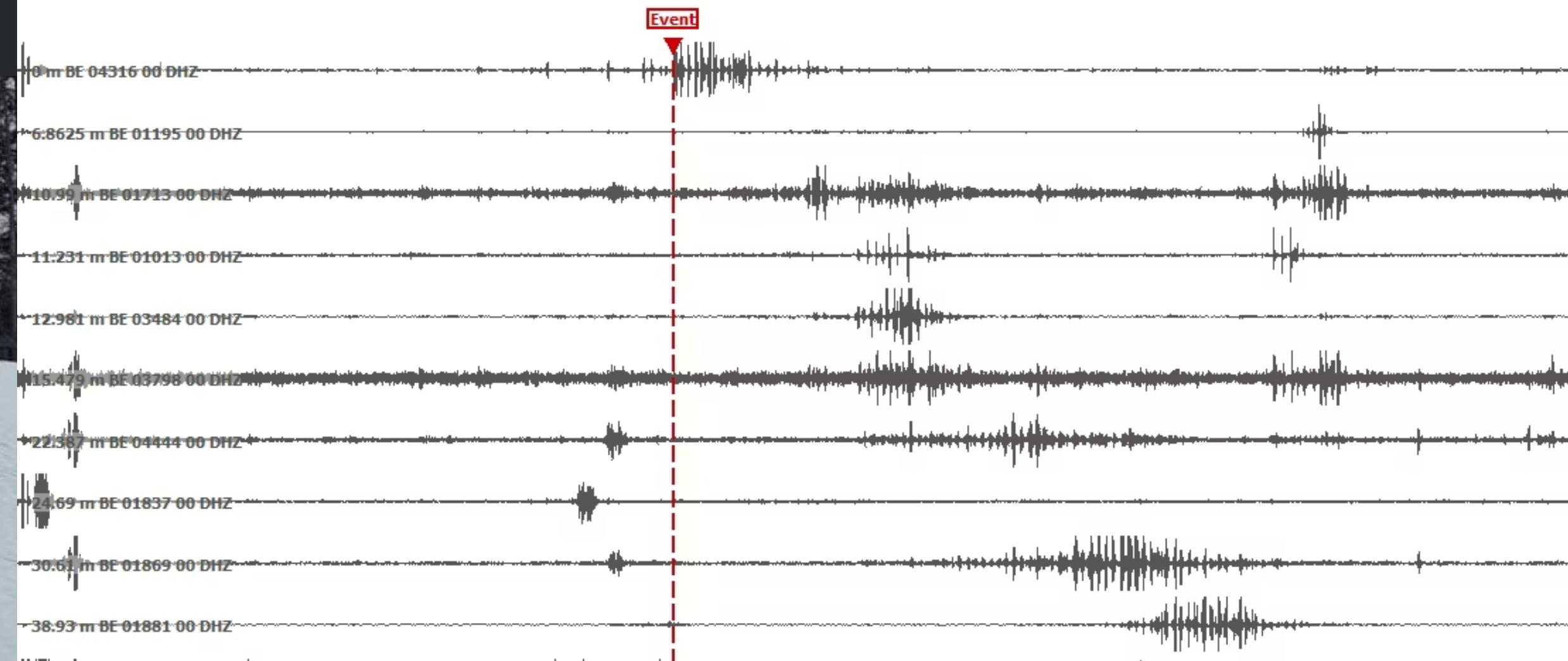
Heiner Test 1 Skience 2025



Heiner Test 1 Skience 2025

S Array

We see
Heiner!



Try Pitch

Heiner Test 1 Skience 2025

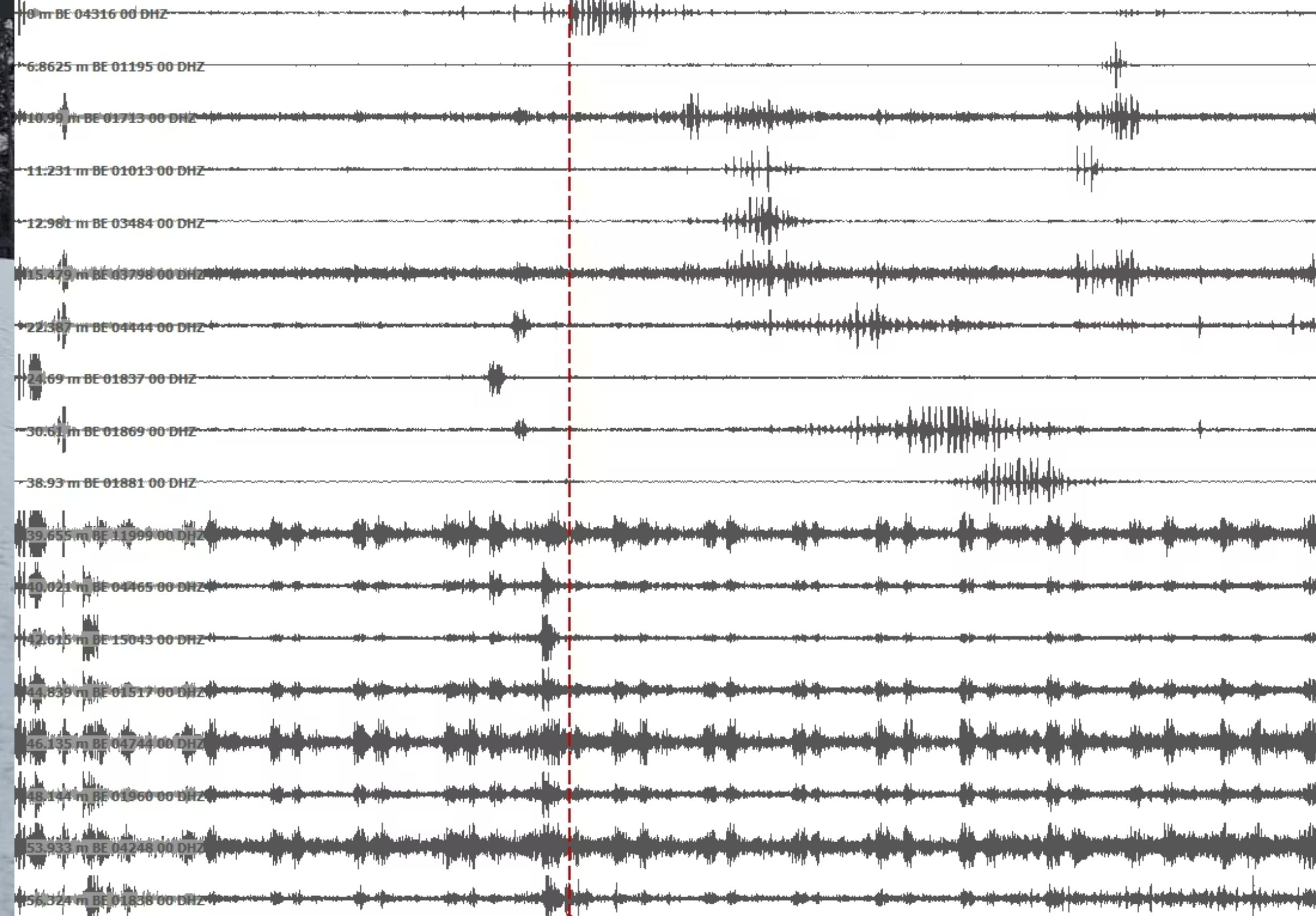
N Array

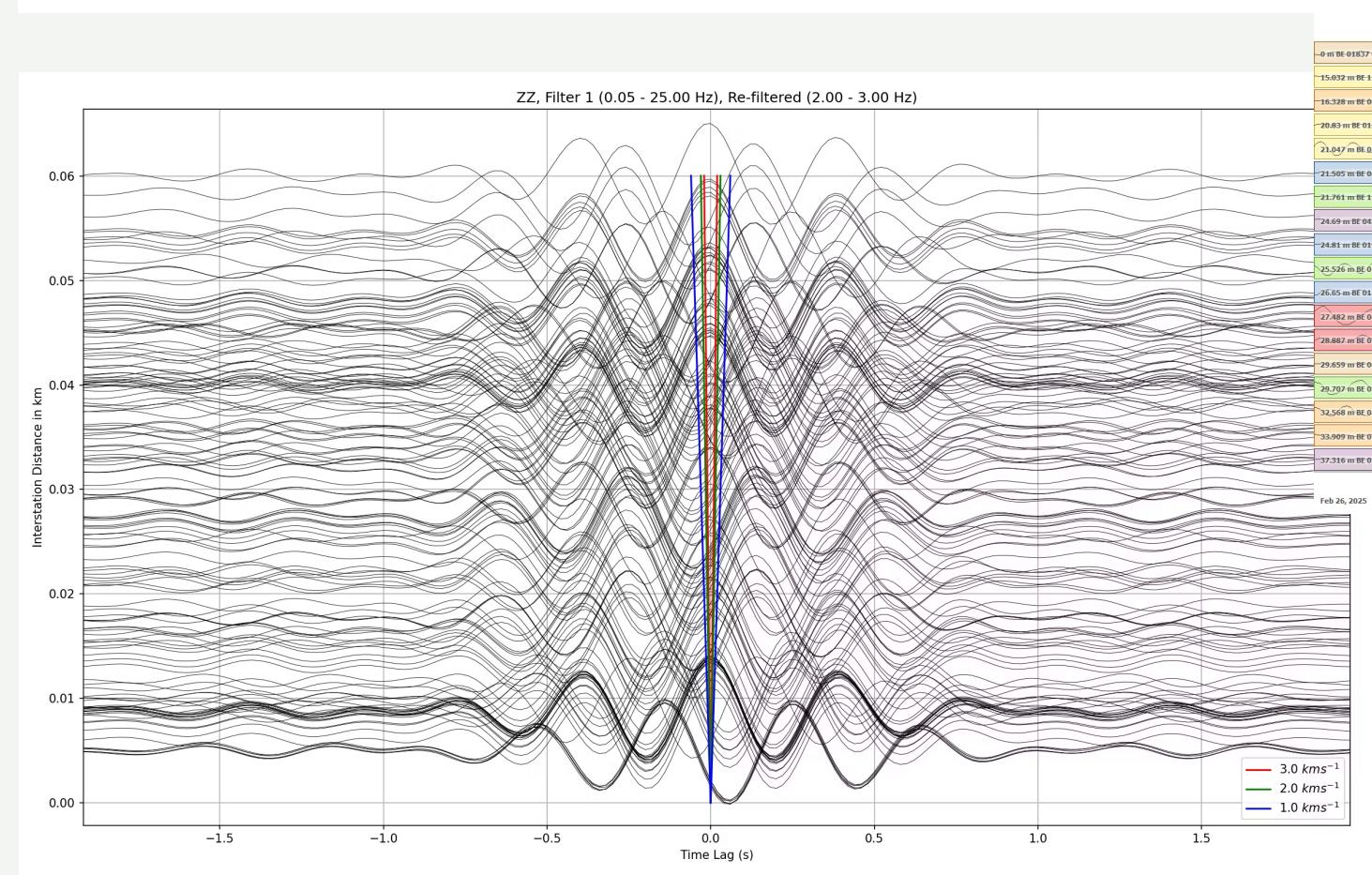
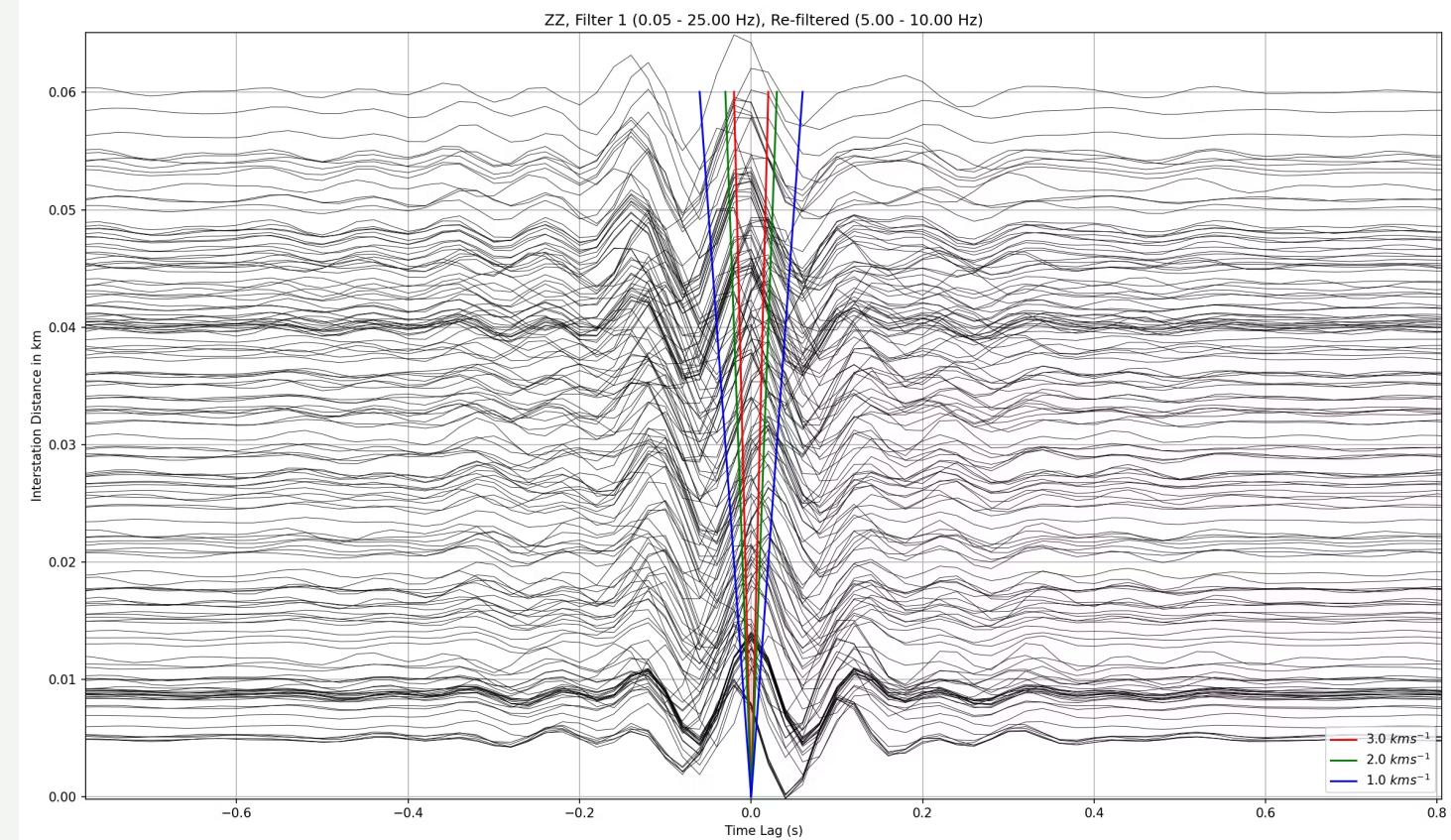
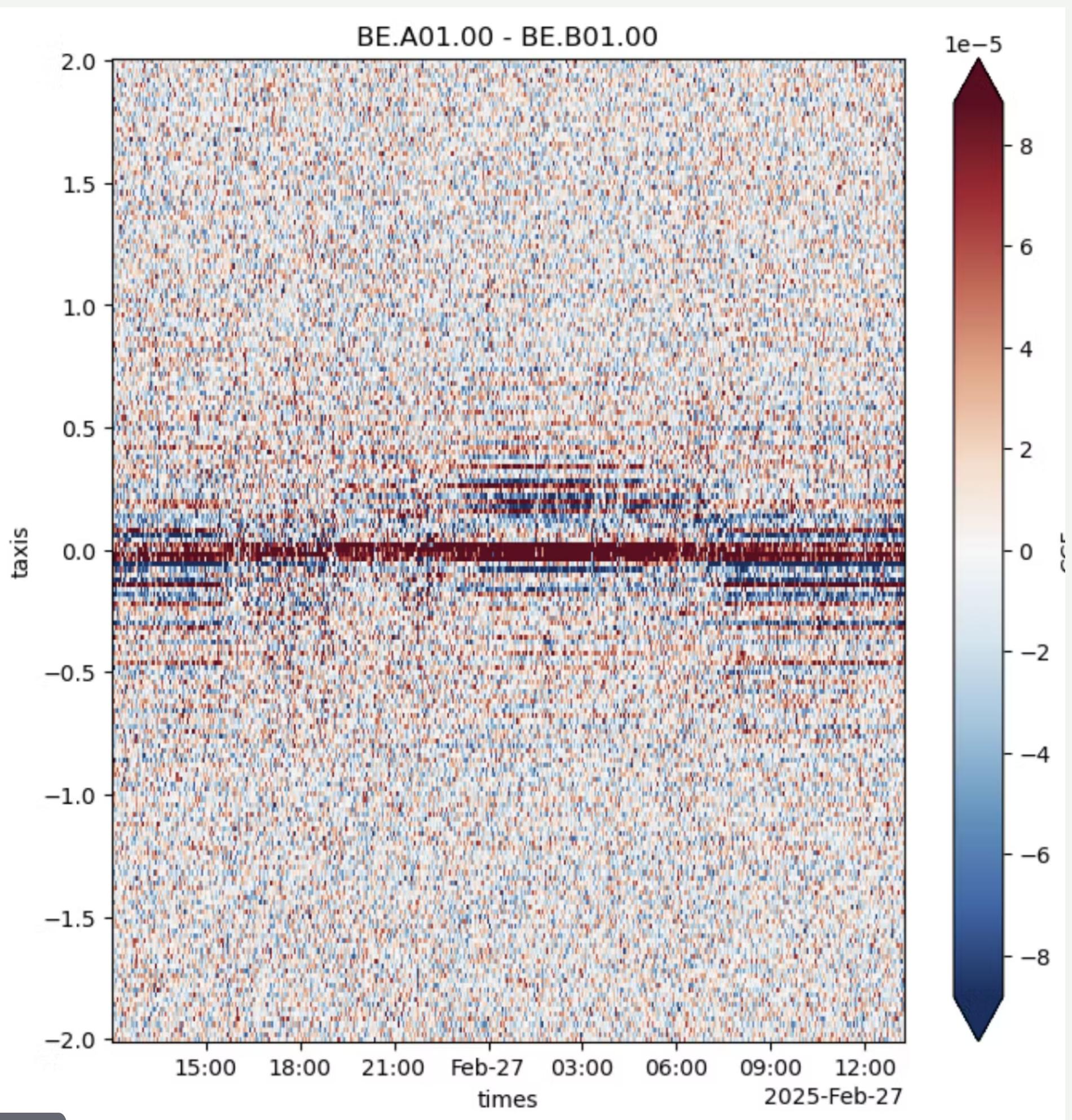
We lost
Heiner

but we
won the
skilift!

Free active
source

Event





Try Pitch

Next year ?

Next year ?



Next year ?



Koen

Next year ?

SCICLING

About Program Location

SciCling - Science on Wheels

A unique summer school combining seismology research with cycling expeditions in the Belgian Ardennes

Coming Soon

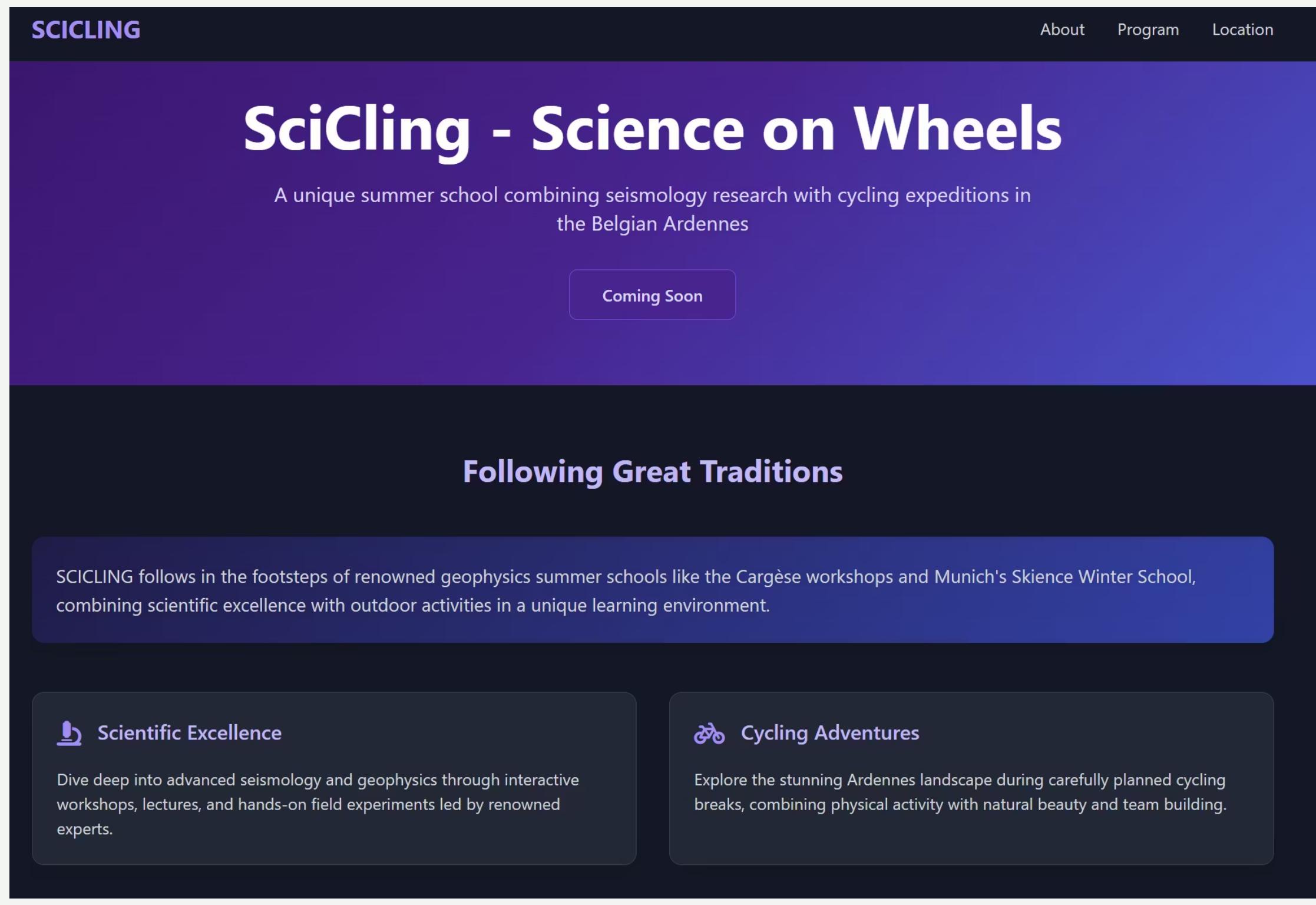
Following Great Traditions

SCICLING follows in the footsteps of renowned geophysics summer schools like the Cargèse workshops and Munich's Skience Winter School, combining scientific excellence with outdoor activities in a unique learning environment.

Scientific Excellence
Dive deep into advanced seismology and geophysics through interactive workshops, lectures, and hands-on field experiments led by renowned experts.

Cycling Adventures
Explore the stunning Ardennes landscape during carefully planned cycling breaks, combining physical activity with natural beauty and team building.

Try Pitch





Want to make a presentation like this one?

Start with a fully customizable template, create a beautiful deck in minutes, then easily share it with anyone.

[Create a presentation \(It's free\)](#)