



# VAO Symposium Kaprun

## 02. – 04. April 2025

Programme and time schedule



Bayerisches Staatsministerium für  
Umwelt und Verbraucherschutz



## Mission Statement

The **Virtual Alpine Observatories (VAO)** is a network of **12 European Alpine Observatories**, including high alpine research facilities. The network **aims to advance interdisciplinary collaboration** embracing **Atmosphere, Cryosphere, Hydrosphere, Biosphere, Earth Surface, Lithosphere and Human-Environment interaction**. This collaboration is the key to a holistic understanding of the Alps and high mountains in a changing climate and environment and features **cross-border coordinated research**. The Alps are a **time machine for climate change** because they are warming twice as fast as European lowlands. Our combined research serves to develop **models and predictions** that help to understand the **Future Alpine Environment**. Our combined action provides the base for **knowledge-based decisions for communal, national and international policy makers**. The **vertical integration of all Alpine spheres** is central to this endeavor, offering a unique approach to **make use of our combined transdisciplinary knowledge**.

## VAO Symposium

Every two years, the **VAO Symposium facilitates the exchange** of the latest research findings and future collaborative research pursuits among members and interested individuals. The symposium **emphasizes productive interdisciplinary collaboration** among those working in the Atmosphere, Cryosphere, Hydrosphere, Biosphere, Relief, and Lithosphere fields. For this we focus more on **transdisciplinary workshops** than on individual talks and **aim to develop future research ideas and projects over two days**. The outcomes of the symposium will guide the **network's direction and impact in the coming years**.

The VAO Symposium is planned as a 48-hour event in the beautiful setting of the castle in Kaprun. The conference starts and ends at midday to allow participants to travel on the same day.



Zell am See- Kaprun in Winter © Zell am See-Kaprun Tourismus



Kaprun and the Kitzsteinhorn in Winter © EXPA FEI



Castle Kaprun in Winter © Zell am See-Kaprun Tourismus



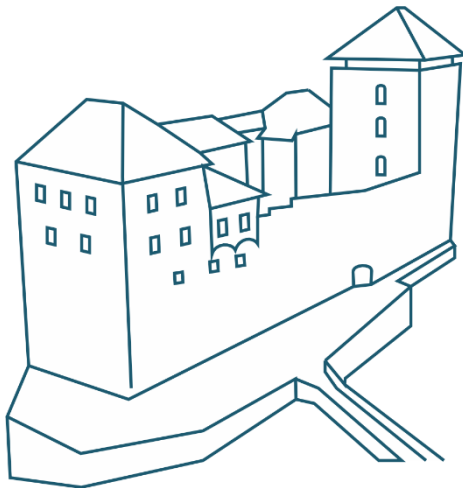
Castle Kaprun in Winter © Zell am See-Kaprun Tourismus/Mairitsch



## Programme overview

### April 2nd, 2025 (Wednesday)

13:00 – 14:00	Knight Hall	Opening Ceremony
14:00 – 15:00	Knight Hall	Podiumsdiskussion Klimawandel & Naturgefahren im Alpenraum (German)
15:00 – 16:00	Knight Hall	Challenges of VAO Mountain Research in a changing climate
16:00 – 16:30	Foyer	Coffee Break
16:30 – 17:30	Knight Hall	Challenges of VAO Mountain Research in a changing climate
17:30 – 19:00	Gallery Hall	Poster Sessions
19:00 – 21:00	Foyer	Icebreaker



### April 3rd, 2025 (Thursday)

9:00 – 10:15	Knight Hall	Introduction of the VAO Observatories and Stations
10:15 – 11:30	tba	Disciplinary Workshops (parallel, see p. 7)
11:30 – 11:50	Foyer	Coffee Break
11:50 – 12:30	Knight Hall	Reports from disciplinary workshops
12:30 – 14:00		Lunch Break
14:00 – 15:30	tba	Interdisciplinary Workshops (parallel, see p. 8)
15:30 – 16:00	Foyer	Coffee Break
16:00 – 16:30	Knight Hall	Reports from disciplinary workshops
17:00 – 18:00	Knight Hall	Podium discussion
19:30 – 22:00	Auhof	Conference Dinner

### April 4th, 2025 (Friday)

9:00 – 10:00	Knight Hall	Introduction of the VAO Network
10:00 – 11:30	Knight Hall	Future projects and project ideas
11:30 – 12:00	Knight Hall	Closing Ceremony

## April 2nd, 2025 (Wednesday)

### Opening Ceremony 13:00 – 14:00

13:00 – 13:15	<i>Knight Hall</i>	<i>Prof. Dr. Michael Krautblatter</i>	New strategies of the Virtual Alpine Observatory
13:15 – 13:30	<i>Knight Hall</i>	<i>tba</i>	Welcome from the German Ministry of Environment and Consumer Protection
13.30 – 13.45	<i>Knight Hall</i>	<i>tba</i>	Welcome from Austria

### Podiumsdiskussion (in german language) 14:00 – 15:00

14:00 – 15:00	<i>Knight Hall</i>	<i>tba</i>	Podiumsdiskussion: Klimawandel & Naturgefahren im Alpenraum – Handlungsbedarf und Strategien
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### Challenges of VAO Mountain Research in a changing climate 15:00 – 17:30

15:00 – 15:20	<i>Knight Hall</i>	<i>Speaker 1 – tba</i>	Atmospheric challenges of VAO Mountain Research in a changing climate
15:20 – 15:40	<i>Knight Hall</i>	<i>Speaker 2 – tba</i>	Biospheric response challenges of VAO Mountain Research in a changing climate
15:40 – 16:00	<i>Knight Hall</i>	<i>Speaker 3 – tba</i>	Cryospheric response challenges of VAO Mountain Research in a changing climate
16:00 – 16:30	<i>Foyer</i>	<i>Coffee Break</i>	
16:30 – 16:50	<i>Knight Hall</i>	<i>Speaker 4 – tba</i>	Geo- and hydrological risk as a challenge of VAO Mountain Research in a changing climate
16:50 – 17:10	<i>Knight Hall</i>	<i>Speaker 5 – tba</i>	Hydrological response challenges of VAO Mountain Research in a changing climate
17:10 – 17:30	<i>Knight Hall</i>	<i>Speaker 6 – tba</i>	Biomedical and human challenges of VAO Mountain Research in a changing climate

## Poster Sessions 17:30 – 19:00

Session 1	<i>Gallery Hall</i>	<i>Poster Nr. 1.1 – 1.X</i>	Atmospheric response in a changing climate
Session 2	<i>Gallery Hall</i>	<i>Poster Nr. 2.1 – 2.X</i>	Biospheric response in a changing climate
Session 3	<i>Gallery Hall</i>	<i>Poster Nr. 3.1 – 3.X</i>	Cryospheric response in a changing climate
Session 4	<i>Gallery Hall</i>	<i>Poster Nr. 4.1 – 4.X</i>	Geo- and hydrological risks in a changing climate
Session 5	<i>Gallery Hall</i>	<i>Poster Nr. 5.1 – 5.X</i>	Hydrological response in a changing climate
Session 6	<i>Gallery Hall</i>	<i>Poster Nr. 6.1 – 6.X</i>	Biomedical and human challenges in a changing climate
Session 7	<i>Gallery Hall</i>	<i>Poster Nr. 7.1 – 7.X</i>	Atmosphere – surface coupling in a changing climate
Session 8	<i>Gallery Hall</i>	<i>Poster Nr. 8.1 – 8.X</i>	Atmosphere – Cryosphere- Hydrosphere coupling in a changing climate
Session 9	<i>Gallery Hall</i>	<i>Poster Nr. 9.1 – 9.X</i>	Geosphere- Biosphere coupling and Hazards in a changing climate
Session 10	<i>Gallery Hall</i>	<i>Poster Nr. 10.1 – 10.X</i>	Biomedical – Human interaction in a changing climate

## Icebreaker 19:00 – 21:00

19:00 – 21:00 | *Foyer* | *Icebreaker with cold drinks*

April 3rd, 2025 (Thursday)

## Introduction of the VAO Observatories and Stations 9:00 – 10:15

9:00 – 9:05	<i>Knight Hall</i>	<i>Michael Krautblatter</i>	Introduction of the VAO Observatories & Overview of Observatories and available Data
09:05 - 09:10		<i>tba</i>	Germany: Umweltforschungsstation Schneefernerhaus (UFS) ( <i>inquired</i> )
09:10 - 09:15			Germany: Observatorium Schauinsland ( <i>inquired</i> ) / Observatorium Hohenpeißenberg ( <i>inquired</i> )
09:15 - 09:20			Austria: Glacier Observatory Vernagtferner ( <i>inquired</i> )
Etc.			Austria: Open-Air-Lab Kitzsteinhorn ( <i>inquired</i> ) / Observatorium Sonnblick ( <i>inquired</i> )
			France: Observatoire de Haute-Provence ( <i>inquired</i> )
			France: Station Alpine Joseph Fourier, Lautaret-Pass ( <i>inquired</i> )
			France: Vallot observatory, Mont Blanc ( <i>inquired</i> )
			Italy: Sentinel Alpine Observatory, Rittner Horn ( <i>inquired</i> ) / Eurac-LT(S)ER site Macia/Matsch ( <i>inquired</i> )
			Switzerland: Hochalpine Forschungsstationen Jungfrauioch (HFSJG) ( <i>inquired</i> ) / Gornergrat (HFSJG)
			Slovenia: Otlica Observatory ( <i>inquired</i> )
			Armenia: Aragats ( <i>inquired</i> )
			Norway: Antoya Observatory ( <i>inquired</i> )
			Slovakia: Observatory Lomnický štít ( <i>inquired</i> )
			Other countries (please contact us if you want to report)

## Diciplinary Workshops (parallel sessions) 10:15 – 11:30

10:15 – 11:30	<i>tba</i>	<i>Moderator 1 – tba</i>	Atmospheric challenges of VAO Mountain Research in a changing climate
10:15 – 11:30	<i>tba</i>	<i>Moderator 2 – tba</i>	Biospheric response challenges of VAO Mountain Research in a changing climate
10:15 – 11:30	<i>tba</i>	<i>Moderator 3 – tba</i>	Cryospheric response challenges of VAO Mountain Research in a changing climate
10:15 – 11:30	<i>tba</i>	<i>Moderator 4 – tba</i>	Geo- and hydrological risk as a challenge of VAO Mountain Research in a changing climate
10:15 – 11:30	<i>tba</i>	<i>Moderator 5 – tba</i>	Hydrological response challenges of VAO Mountain Research in a changing climate
10:15 – 11:30	<i>tba</i>	<i>Moderator 6 – tba</i>	Biomedical and human challenges of VAO Mountain Research in a changing climate

11:30 – 11:50 | Foyer Coffee Break

## Reports from disciplinary workshops 11:50 – 12:30

11:50 – 11:55	<i>Knight Hall</i>	<i>tba</i>	Atmospheric challenges of VAO Mountain Research in a changing climate
11:55 – 12:00	<i>Knight Hall</i>	<i>tba</i>	Biospheric response challenges of VAO Mountain Research in a changing climate
12:00 – 12:05	<i>Knight Hall</i>	<i>tba</i>	Cryospheric response challenges of VAO Mountain Research in a changing climate
12:05 – 12:10	<i>Knight Hall</i>	<i>tba</i>	Geo- and hydrological risk as a challenge of VAO Mountain Research in a changing climate
12:10 – 12:15	<i>Knight Hall</i>	<i>tba</i>	Hydrological response challenges of VAO Mountain Research in a changing climate
12:15 – 12:20	<i>Knight Hall</i>	<i>tba</i>	Biomedical and human challenges of VAO Mountain Research in a changing climate
12:20 – 12:30	<i>Knight Hall</i>	<i>tba</i>	<i>Discussion</i>
12:30 – 14:00		<i>Lunch Break</i>	

## Interdisciplinary Workshops (parallel sessions) 14:00 – 15:30

14:00 – 15:30	<i>tba</i>	<i>Moderator 1 – tba</i>	Atmosphere - Geosphere - Cryosphere– Hyrosphere coupling in a changing climate
14:00 – 15:30	<i>tba</i>	<i>Moderator 3 – tba</i>	Geosphere– Bioshpere – Human coupling and Hazards in a changing climate
15:30 – 16:00	<i>Foyer</i>	<i>Coffee Break</i>	



## Reports from disciplinary workshops 16:00 – 16:45

16:00 – 16:15	<i>Knight Hall tba</i>	Atmosphere - Geosphere - Cryosphere– Hyrosphere coupling in a changing climate
16:15 – 16:30	<i>Knight Hall tba</i>	Geosphere– Bioshpere – Human coupling and Hazards in a changing climate
15 min	<i>Technical break</i>	

## Podium discussion 17:00 – 18:00

17:00 – 18:00	<i>Knight Hall tba</i>	Podium Discussion: The VAO as an integrative international research collaboration on Alpine climate change
19:30 – 22:00	<i>Auhof Conference Dinner</i>	(Registration necessary prior to the symposium)

## April 4th, 2025 (Friday)

### Introduction of the VAO Network 9:00 – 10:00

9:00 – 10:00	<i>Knights Hall</i>	<i>tba</i>	Alpine Convention ( <i>inquired</i> ) ESA ( <i>inquired</i> ) ISSI ( <i>inquired</i> ) MRI ( <i>inquired</i> ) <i>tba</i>
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### Future projects and project ideas 10:00 – 11:30

10:00 – 10:30	<i>tba</i>	<i>tba</i>	Benchmark projects in the Alpine Space
10:30 – 11:30	<i>tba</i>	<i>tba</i>	Project ideas and stakeholders needs in a changing climate

### Closing Ceremony 11:30 – 12:00

11:30 – 12:00	<i>tba</i>	<i>tba</i>	Closing ceremony
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## Poster Programme (Gallery Hall)

Session	ID	Poster Titel	Authors
<i>tba</i>	tba		

### Poster boards

Poster boards are in portrait format. Authors can make use of the full dimensions of DIN A0 (841 x 1189 mm). Poster board number correspond to the poster number in the programme.

## VAO Symposium 2025, Kaprun/ Salzburg in short

### Aim:

Transdisciplinary exchange, develop future research ideas and projects, outcome will guide the network's direction and impact in the coming years.

### Date:

02.-04. April 2025

### Venue:

Burg Kaprun, Schloßstraße 55, 5710 Kaprun, Austria  
(<https://www.burg-kaprun.at/>)

### Organizing Committee:

Prof. Michael Krautblatter (TUM)  
Dr. Markus Keuschnig (GEORESEARCH)  
Verena Stammberger (TUM)  
Birgit Einhellinger (STMUV)  
Dr. Sabine Kraushaar (TUM)

### Deadline Registration:

15. February 2022

### Contact:

In case of any questions after reading through the information please contact [info@vao.bayern.de](mailto:info@vao.bayern.de)

General Information

## Information

### Public transport to Kaprun

Train connections from Munich to Zell am See are given below. The public bus from Zell am See runs every 10 to 20 minutes depending on the time to the conference venue in Kaprun (Kaprun Maiskogelbahn or Kaprun Ortsmitte; 15 minute ride). From the bus station it is a 15 min walk to the Venue of the Symposium.

### Arrival 2nd April 2025 for Symposium Start at 1PM

**Train:** Munich Hbf – Wörgl – Zell am See 09:34-12:14

**Bus 660:** Zell am See – Kaprun Maiskogelbahn 12:23-12:41

### Return 4th April 2025 after Symposium End at 1 PM

**Bus 660:** Kaprun Maiskogelbahn – Zell am See 12:52 – 13:09, 13:22 – 13:39, 13:52 – 14:09, etc.

**Train:** Zell am See – Wörgl – Munich Hbf 13:44-16:27, 15:45-18:28, 17:44-20:26, 18:46 – 22:13, 19:46-22:36

## Accommodation (not included in conference fee)

Numerous accommodations (hotels, bed & breakfasts etc.) are available in Kaprun. We recommend you to check online booking platforms to find accommodations according to your preferences.

Below you find some suggestions for accommodations:

- Familienhotel Antonius: [www.hotel-antonius.at](http://www.hotel-antonius.at)
- Hotel Sonnblick: [www.hotel-sonnblick.at](http://www.hotel-sonnblick.at)
- Hotel DAS Alpenhaus Kaprun: [www.alpenhaus-kaprun.at](http://www.alpenhaus-kaprun.at)
- Vötter's Hotel: [www.sport-kristall.at](http://www.sport-kristall.at)
- Gästehaus Steger: Pension Gästehaus Steger in Zell am See – Kaprun: [urlaub-kaprun.com](http://urlaub-kaprun.com)
- Pension Austria: [www.pension-austria.at](http://www.pension-austria.at)
- JUFA Hotel Kaprun: [zellamsee-kaprun.com](http://zellamsee-kaprun.com)
- Hotel Tauern SPA Zell am See-Kaprun: [www.tauernspakaprun.com](http://www.tauernspakaprun.com)

Early April is still ski season, we therefore **recommend to book as early as possible**.

Many further hotels are available in Kaprun. Please refer to the tourism association Kaprun ([welcome@zellamsee-kaprun.com](mailto:welcome@zellamsee-kaprun.com) or +43 6547 8080) or visit an online booking platform to book a hotel according to your preference.



## Map of Kaprun

