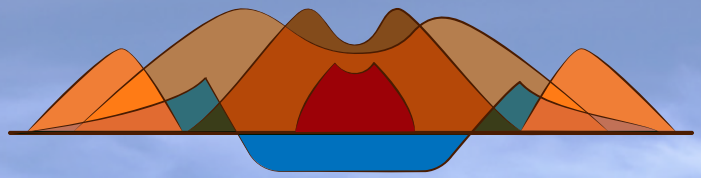
Fifth Circular



1st International Monogenetic Conference

November 4 - 8, 2024

San Pedro de Atacama, Chile

Ckelar Volcanes
Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes

IAVCEI

Commission on Monogenetic Volcanism

Maar Cerro Overo

1st International Monogenetic Conference

November 4 - 8, 2024 | San Pedro de Atacama, Chile

Welcome to the **1st International Monogenetic Conference (1st IMC)**, which will succeed the International Maar Conference, organized by the International Association of Volcanology and Chemistry of Earth's Interior (IAV-CEI) Commission on Monogenetic Volcanism and the Millennium Institute on Volcanic Risk Research – Ckelar Volcanoes (Chile).

The 1st IMC will be held in San Pedro de Atacama (Chile) from the 4th (Monday) to the 8th (Friday) of November 2024.

This monogenetic conference will have a multidisciplinary perspective, covering a wide spectrum of topics from geology to social sciences. Physical volcanology, stratigraphy, field geology, geochemistry, petrology, modelling of volcanic explosion, geophysics of small-volume volcanoes, cultural heritage, economic impacts, hazard and environmental impacts are some of the topics that will be covered.

Organized with the sponsorship

Ckelar Volcanes
Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes

IAVCEI

Commission on Monogenetic Volcanism

MUNICIPALIDAD SAN PEDRO DE ATACAMA

Talabre

EQUIPO GUÍAS LOCALES

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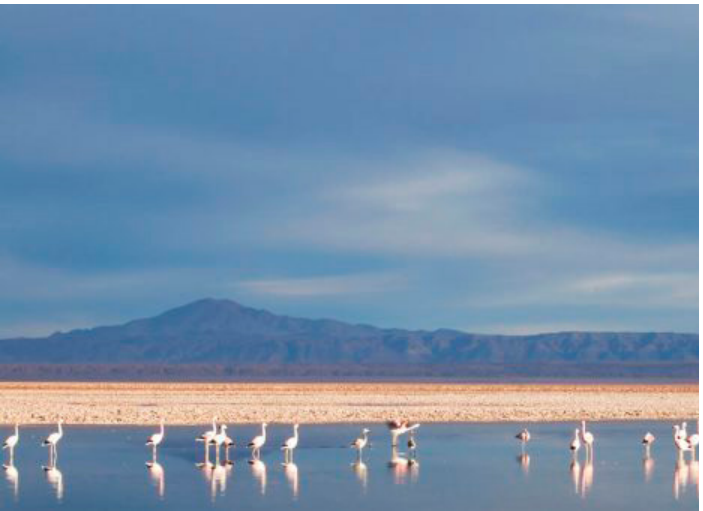
VENUE

Information about San Pedro

San Pedro de Atacama, is worldwide recognize as the most tourist place in the north of Chile.. Located in the Antofagasta Region, the commune is characterized by a desert climate at 2,450 m a.s.l., with drastic temperature changes between day and night. The Atacama dessert have a particular summer rainfall that does not exceed 100 mm per year, which it makes the most dry desert in the world. The town has preserved two different cultural legacies, the Atacameña or Lican Antay culture found in the gastronomy and crafts of the town, and the Spanish colonial architecture. The encounter of these two cultures, the adobe houses and dirt streets, creates a unique and unrepeatable picturesque atmosphere. Its rich history dates thousands of years back and can be explored through the numerous nearby archaeological sites, such as the historical monument Pukará de Quitor, which offers a glimpse into the life of ancient civilizations that were in the area.

Tourists from all corners of the world are attracted by the impressive landscape and rock formations typical of volcanic and wind activity. The Valley of the Moon (natural sanctuary, 1982), the Salar de Atacama, the Tatio Geyser and the Altiplanic lagoos, are some of the natural attractive of the area.

The culture of San Pedro de Atacama is equally fascinating, with a strong influence of the pre-Columbian indigenous communities. The Atacameños or Lican Antay captured in the local craft (weaving, ceramics and jewelry) are only one part of the incredible cultural experience that can be enjoy in San Pedro de Atacama. The gastronomy in the town includes traditional dishes from Chile such as *pastel de choclo*, *sopaipillas*, and *charqui*, but also offers traditional herbs inherited from the Atacameña culture such as *rica rica*, famous flavor that can be found even in ice cream.



DATOS ÚTILES

Teléfonos de transporte / Transportation phone numbers

Aeropuerto Internacional Arturo Merino Benítez (56 2) 26901707
Arturo Merino Benítez International Airport

Aeropuerto Internacional Andrés Sabella Gálvez de Antofagasta (56 55) 2254998
Andrés Sabella Gálvez International Airport Antofagasta

Camino a Mejillones S/N.
Road to Mejillones S/N

Aeropuerto Internacional El Loa, 5 km al sureste de Calama. (56 55) 2344897
El Loa International Airport, 5 km southeast of Calama.

Terminal de Buses de Antofagasta, Cardenal Carlos Oviedo Cavada (56 55) 2484502
Antofagasta Bus Station, Cardenal Carlos Oviedo Cavada

Av. Pedro Aguirre Cerda 5750.
Avenue Pedro Aguirre Cerda 5750.

Terminal de buses Turbus Calama, Granaderos 3048 (56 55) 2313696
Turbus Calama Bus Station, Granaderos 3048

Terminal de Buses San Pedro de Atacama, calle Tumiza s/n, población Licancabur.
San Pedro de Atacama Bus Station, Tumiza street s/n, Lincancabur population.

Oficina de Información Turística / Touristic Informations Office

Arturo Prat 384, piso 1, Antofagasta (56 55) 2451818
Street Arturo Prat 384, floor 1, Antofagasta
Infoantofagasta@sernatur.cl

Calle Toconao 405, San Pedro de Atacama (56 55) 2851420
Street Toconao 405, San Pedro de Atacama
Sanpedrodeatacama@sernatur.cl

Oficina Municipal de Información turística de Calama. Parque El Loa s/n. (56-55) 271115 5
Calama Municipal Information Bureau, Parque El Loa s/n.
infoturismo@calamacultura.cl

Corriente eléctrica : 220 volts y 50 hertz

LEYENDA / LEGEND

- Terminal de buses / Bus Terminal
- Información Turística / Tourist Information
- Iglesia / Church or Temple
- Río / River
- Zona Típica o Pintoresca / Typical or Scenic Area
- Cementerio / Cemetery
- Posta / Post
- Feria / Market
- Museo / Museum
- Estadio / Stadium
- Bomberos / Firefighters
- Carabineros / Police
- Cajero Automatico / ATM
- Correo / Mail
- Estación de Servicio / Service Station
- Folclore - Cultura Tradicional / Folklore - Traditional Culture
- Artesanía / Crafts

REGISTRATION PAYMENT

Registration payment can be made only online on this link: **webpay.cl**, by bank Transfer (only national transfer, which must be solicited directly by email: **monogeneticconference2024@ckelar.org**), or by cash on site (USD or CLP).

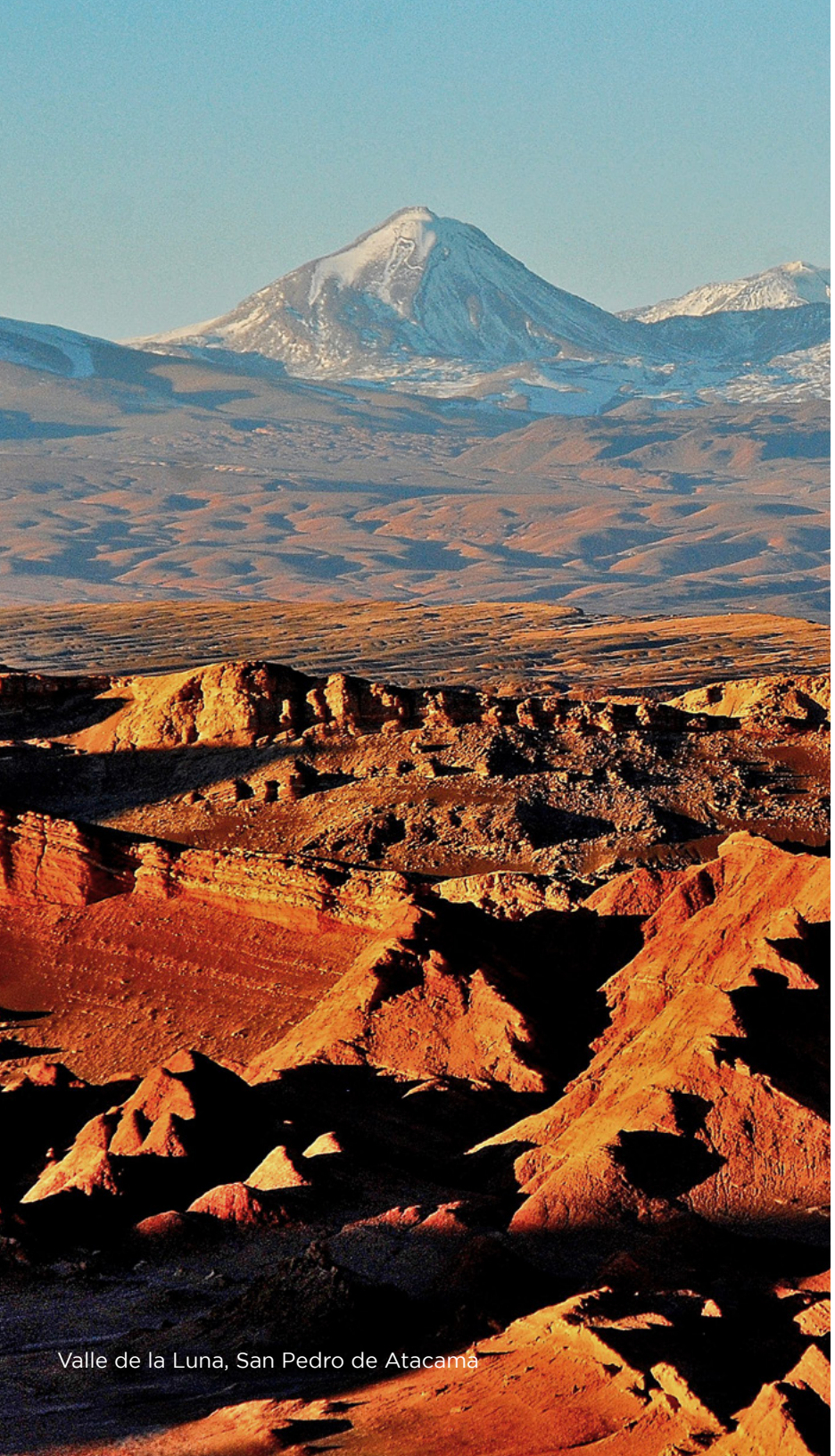
Please send a copy of your registration payment by email (**monogeneticconference2024@ckelar.org**), clearly indicating the name of the participant in the subject field.

Once we verify the registration payment, we will confirm registration by e-mail.

REGISTRATION FEES

Registration Fees	Reduced rate	Normal rate	On site rate
	Before Jul 1, 2024	July 1 – Nov 3, 2024	Nov 4, 2024
IAVCEI membership*			
Regular participant	480.000 CLP	500.000 CLP	520.000 CLP
Student participant	210.000 CLP	230.000 CLP	250.000 CLP
IAVCEI non-membership			
Regular participant	500.000 CLP	520.000 CLP	540.000 CLP
Student participant	230.000 CLP	250.000 CLP	270.000 CLP
Accompanying person	160.000 CLP	180.000 CLP	200.000 CLP
One day registration	130.000 CLP	140.000 CLP	150.000 CLP

*IAVCEI membership fees: **iavceivolcano.org/membership/membership-fees/**



Valle de la Luna, San Pedro de Atacama

Registration fees includes

1. Attendance to the scientific sessions.
2. Conference registration and abstract volume.
3. Opening and Ice breaker.
4. Intra-conference field trip.
5. Coffee breaks.
6. Lunches.
7. Gala dinner.

Accompanying Person's fee includes

1. Ice breaker (on November 4).
2. Mid-conference field trip (lunch, and transportation).
3. Coffee breaks.
4. Special program with discounted fares.

James Luhr in front of his beloved Colima volcano in Mexico (taken from Siebert et al., 2010).

ABOUT JAMES F. LUHR´S AWARD

Volcanologists worldwide were shocked to learn of Jim Luhr's sudden death at age 53 on 1 January 2007. Ph.D. James F. Luhr (1957 - 2007) made lasting impacts on volcanology and the volcano community. To honor his memory, and love of monogenetic volcanoes, this award was named in his honor. The Jim Luhr Award is a special recognition established by the IAVCEI Commission on Monogenetic Volcanism and given for lifetime achievements of a person working on understanding monogenetic volcanism.

This Award is based on Nominations and Associated Supporting Letters, which was given out for the first time during the 3rd International Maar Conference in Argentina (2008), and subsequently, awarded at each of the International Maar Conferences held.

Jim Luhr's Award Winners:

3rd International Maar Conference (Argentina, 2008)
- Prof. Roberto Sulpizio.

4th International Maar Conference (New Zealand, 2012)
- Prof. James D.L. White.

5th International Maar Conference (Mexico, 2014)
- Prof. Greg A. Valentine.

6th International Maar Conference (China, 2016)
- Ph.D. Claus Siebe.

7th International Maar Conference (Spain, 2018)
- Prof. Károly Németh and Prof. Joan Martí.

Nomination for the Jim Luhr's Award

1) There must be one lead person who proposes a nominee.

2) The proposing person could be from the same organization/country as the nominated person, and it is not necessary for this person to be an IAVCEI member.

3) The proposing person then collects a CV with recent papers published listed by the person and drafts a paragraph on why the person should get the award.

4) The proposing person then collects at least three supporting person support letters (one letter from the nominating person/leader and at least two letters of support from other persons). This means the proposing person sends a request to people and hopes that at least three support letters will arrive. It is mandatory that the support letters must come from outside of the proposed person organization. Ideally, one person should be from the same country, one from the same continent/region, and one global expert.

5) The person proposed that the nominee should collate all the information (the three support letters, the CV of the nominee, and a cover page) and send it to the Chair of the Local Organizing Committee (LOC) of the actual International Monogenetic Conference (IMC).

6) To elect who gets the Jim Luhr's Award, a commission by at least three members must be made up of the Chair of the actual IMC, one Chair of the previous IMC, and one member of the Scientific Committee of the actual IMC. In addition, the leader(s) of the IAVCEI Commission on Monogenetic Volcanism will be a minister of faith just to be even more transparent. It is mandatory that a person nominated cannot be part of this commission.

7) All the nominations must be sent by email to monogeneticconference2024@ckelar.org. The deadline for nominations is until 6th November 2024.

Some criteria to consider for the candidates:

- Person lifetime achievement.

- Relevance to monogenetic volcanism.

- The number of impactful publications.

- Inclusiveness as a community builder, educator, or figure within and outside of being an expert on monogenetic volcanism.

The nomination result will be announced during the closing ceremony and presented by the Chair of the IMC or an appointed person.

Then, the result will be forwarded to the IAVCEI President and Secretary General by the IAVEI Commission on Monogenetic Volcanism, which should be published in the IAVCEI News.

GENERAL PROGRAM

The 1st International Monogenetic Conference will be hosted in San Pedro de Atacama, Chile. This conference will have three main stages such as:

1) Pre-Conference Fieldtrip, from 31st October to 2nd November 2024.
https://monogeneticconference2024.ckelar.org/field-trips

2) Conference, from 4th to 8th November 2024.
https://monogeneticconference2024.ckelar.org/program/

3) Post-Conference Fieldtrip, from 9th to 13th November 2024.
https://monogeneticconference2024.ckelar.org/field-trips

The main activities of the Conference will be developed in two places: Tierra Viva and Coyo Antai conference room.

- *Tierra Viva address*: Toconao 617, San Pedro de Atacama.
https://maps.app.goo.gl/8kQcx3T6iDkGEpUWA?g_st=iw

- *Coyo Antai address*: Ruta 27 (international route to Jama border crossing) front to Copec gas/petrol station (towards northeast).
https://maps.app.goo.gl/e4woqhdPKokLRRqcA?g_st=iw

The accreditation, opening ceremony, and gala dinner will be hosted in Tierra Viva. Oral sessions will be hosted in Coyo Antai conference room.

The restaurants for lunching will be informed during the accreditation process.

GENERAL PROGRAM

Monday 4th	Tuesday 5th	Wednesday 6th	Thursday 7th	Friday 8th
	09:00 – 09:45 hrs **Keynote talk**	06:45 – 19:00 hrs **Intra Conference Field Trip**	09:00 – 09:45 hrs **Keynote talk**	09:00 – 09:45 hrs **Keynote talk**
	09:45 – 10:45 hrs **Oral sessions**		09:45 – 10:45 hrs **Oral sessions**	09:45 – 10:30 hrs **Oral sessions**
	10:45 – 11:30 hrs **Coffee break and Poster sessions**		10:45 – 11:30 hrs **Coffee break and Poster sessions**	10:30 – 11:15 hrs **Coffee break and Poster sessions**
	11:30 – 12:30 hrs **Oral sessions**		11:30 – 12:30 hrs **Oral sessions**	11:15 – 12:30 hrs **Oral sessions**
	12:30 – 14:15 hrs **Lunch**		12:30 – 14:15 hrs **Lunch**	12:30 – 14:15 hrs **Lunch**
	14:15 – 15:30hrs **Oral sessions**		14:15 – 15:30 hrs **Oral sessions**	14:15 – 15:30 hrs **Oral sessions**
	15:30 – 16:15 hrs **Coffee break and Poster sessions**		15:30 – 16:15 hrs **Coffee break and Poster sessions**	15:30 – 17:00 hrs **IAVCEI Commission on Monogenetic Volcanism**
	16:15 – 17:00 hrs **Oral sessions**		16:15 – 17:30 hrs **Oral sessions**	
18:00 – 18:45 hrs **Accreditation**	17:00 – 17:15 hrs **Information about Intra-Conference Field Trip**			17:00 – 17:30 hrs **Conclusions**
18:45 – 20:00 hrs **Opening Ceremony**				19:00 – 22:00 hrs **Gala dinner – James Luhr´s Award**

Here is the detailed program of the 1st IMC (oral and poster presentations)

INSTRUCTIONS FOR ORAL AND POSTERS PRESENTATIONS

For Oral presentation

• **Regular oral sessions**
13 minutes in total, including 10 minutes for presentation and 3 minutes for discussion.
The suggested file format is .ppt by Power Point.

• **Keynote talk**
45 minutes in total, including 40 minutes for presentation and 5 minutes for discussion.
The suggested file format is .ppt by Power Point.

In order to make the coordination of the sessions easier, we suggest meeting the technician of the Local Organizing Committee at least 15 minutes before the beginning of your session. This will help us to double-check the audio-visual equipment necessary for your talk and also the chairpersons (conveners) will obtain any missing information about the authors and the organization which they represent.

The chairpersons (conveners) will introduce each speaker and his/her presentation, will manage the timing of the presentation and will promote the discussion.

Conference room is equipped with a PC and a beamer for Powerpoint Presentations.

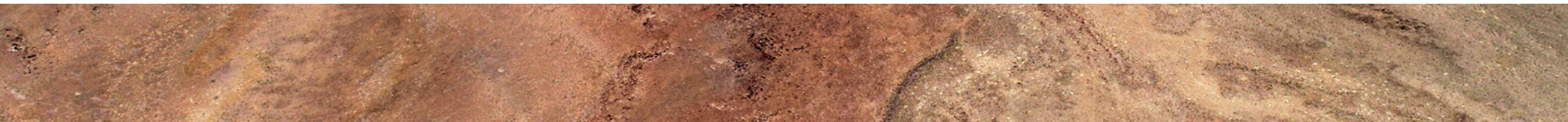
For Posters presentation

Poster size is A0 vertical, equal to 120 cm high X 90 cm wide. Posters will be displayed throughout the conference.

To fix the posters on the displays the organization will provide the corresponding material, which you will find in the exhibition area. Please, make sure to use these materials only!

During the official poster sessions, at least one of the authors must be present near his/her poster for further discussion.

Please, do not forget to remove your poster after the conference. Posters not removed properly will be disposed of.



PRE-CONFERENCE FIELD TRIP (Inscription closed)

Field trip to Maule valley, Southern Volcanic Zone of the Andes

October 31 – November 3, 2024

In the pre-conference field trip to the Andean region of Maule valley, participants will visit monogenetic volcanoes occurring in two different contexts:

i) Los Hornitos is a pair of mafic monogenetic volcanoes emplaced in the arc front, at the foothills of Descabezado Grande and Azul stratovolcanoes. At this site, participants will be guided through the different units emplaced during the eruptive event, based in stratigraphy and bulk-rock and mineral chemistry. In addition, participants will be involved in the details on textural and mineral chemistry that support an alternative growth model of olivine described in this locality, that can be extrapolated to other mafic monogenetic eruptions. Hiking around Los Hornitos will allow splendid views of the surrounding stratovolcanoes as well as other monogenetic vents in the area.

ii) Laguna del Maule is a large distributed volcanic field with more than a hundred different vents occurring in an area of 500 km2 in the re-arc, with erupted compositions ranging from basalt to rhyolite and that experienced a high deformation rate during the last years. Here, participants will have the opportunity to see vents and volcanic products of different compositions together with an overview of the volcanic field from different viewpoints during the field trip.


Laguna del Maule


Los Hornitos


Los Hornitos

General itinerary

Thursday 31 October: Transportation Santiago de Chile – Maule valley. Welcome and description of the structure of the field trip.
Friday 1 November: Brief scientific discussion and hiking traverse through Los Hornitos volcanoes, with designed stops for group observations.
Saturday 2 November:Excursion to Laguna del Maule and travel back to Santiago de Chile.

Field trip leader

Ph.D. Pablo Salas

Ph.D. Luis E. Lara.

Laguna del Maule

INTRA CONFERENCE FIELD TRIP (Inscription still open)

6TH NOVEMBER 2024

Departure location: Copec Gas Station (for confirmation)
The field trip will be mostly carried out by car; however, to be close, some stops/outcrops must be made on foot.
The maximum altitude will be at 4,555 m a.s.l.
Walking shoes, sunscreen, hat, cloth for the cold, and wind clothes are highly recommended.
Picnic/snack lunch will be provided by the organization.

All the attendees to the conference will visit the Indigenous Community of Talabre. This area is characterized by monogenetic centers as the maar **Cerro Overo** and **La Albondiga Grande** dome, and two active stratovolcanoes: **Chiliques** and **Lascar**, of which the latter is the most active volcano in northern Chile.

The first stop of the field trip is a wonderful view of **Lejía lagoon**, where it is possible to see the reflection of the **Lascar** volcano (mirror effect on the water; only in the morning). Then, participants will be visiting one of the most basic composition (~54 wt.% SiO2) volcanoes of northern Chile, the maar **Cerro Overo** located at 4,555 m a.s.l. and the deposit of the Lascar 1993 eruption, which was characterized by at least nine eruptive pulses of different intensities, generating tephra fall and pyroclastic density current deposits due to the partial collapse of the eruptive column. The eruption lasted approximately 32 hours and reached over 20 km above the crater level. In addition, during the different stops/outcrops of the area, the relationship between monogenetic volcanoes from mafic to felsic compositions with polygenetic systems will be discussed, considering the evolution of the network conduit feeders (e.g., type of magma) and the role of the basement (e.g., inherited structures and basement configuration) to determine different eruptive dynamics.

The field trip will finish visiting **Talabre Viejo** town and the current village of Talabre to see the cultural heritage of the Indigenous Community of Talabre.

Field-trip leaders

Ph.D. Gabriel Ureta

Ph.D. Felipe Aguilera

Ph.D. Pablo Salas

Ph.D. José Pablo Sepúlveda

Ph.D. Amiel Nieto

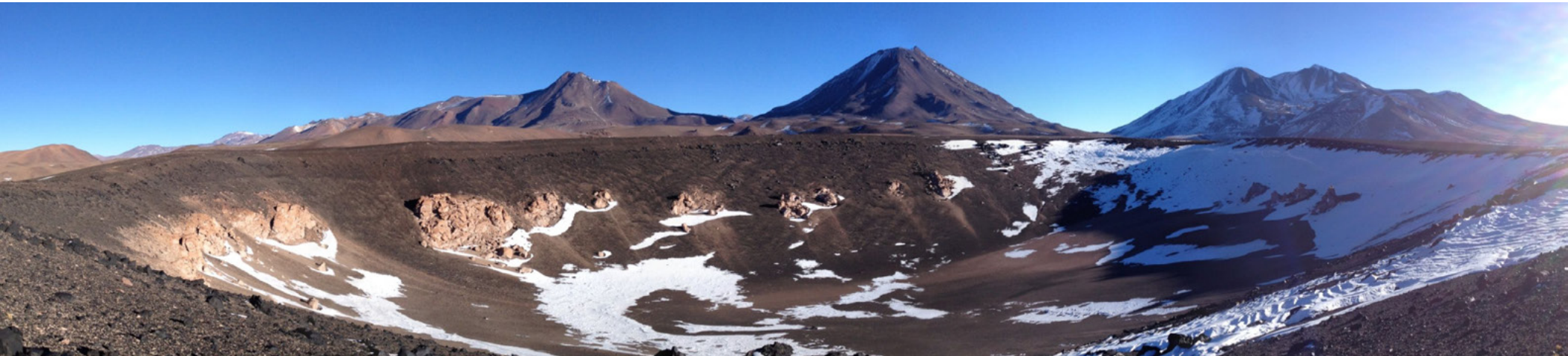
Ph.D. Alfredo Esquivel

Ph.D. Rodrigo González

Ph.D. Cristóbal González

Ph.D. (c) Ivana Torres

Alexandra Fuentealba



POST-CONFERENCE FIELD TRIP (inscription still open)

Field trip to Ollagüe volcanic area, Northern Volcanic Zone of the Andes

November 9-13, 2024

Ollagüe is a small and isolated border town, near Bolivia. Located 215 km northeast of Calama, the town is 3,700 m a.s.l. with a hot high-altitude desert climate. Extreme aridity and oscillation temperatures are typical of Ollagüe.. The field trip will visit the San Pedro-San Pablo and Ollagüe volcanoes, two active stratovolcanoes in the Chilean Altiplano and some salars and sulfur mining camps. The trip will concentrate on visiting La Poruña and La Poruñita scoria cones, SC2 shield lava-like, Luna de Tierra tuff cone, among others minors centers.

This field trip will discuss emplacement mechanisms for monogenetic volcanoes, the relationship between individual volcanoes and volcanic fields, tectonic links to monogenetic volcanism, and the interplay between volcanism and the landscape. In addition, it will also consider the link between humans and volcanism, with geoheritage, and present-day cultural links to volcanism and their associated risks.

The field trip will start from San Pedro de Atacama and return to Calama, visiting different viewpoints/spots during the field trip.

General itinerary

Saturday 9th November

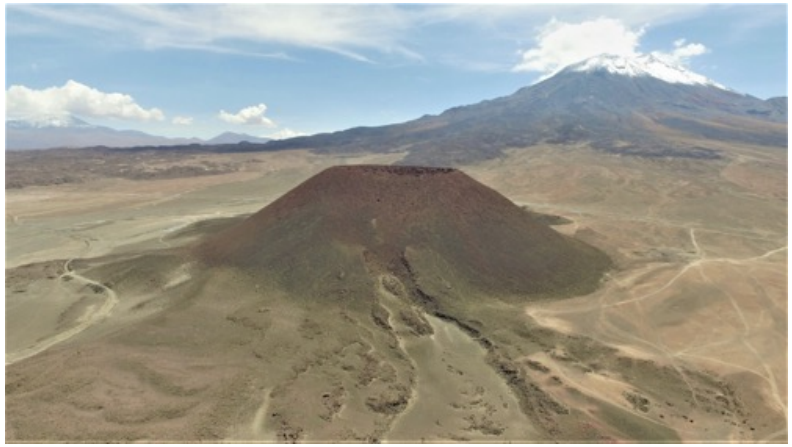
During the travel from San Pedro de Atacama at 2,400 m a.s.l. to Ollagüe town at 3,700 m a.s.l., we will visit some spots as Valle de La Luna, Chiu-Chiu, different ignimbritic plateaus and volcanic centers, finishing with welcome dinner in Ollagüe.

Sunday 10th November

We will visit the main deposits generated in the eruptive history of the San Pedro stratovolcano and a n ignimbrite deposit of the Upper Miocene, ca. 12-10 Ma.

In this area, we will visit the La Poruña scoria cone, a relatively mafic and extremely well-preserved parasitic center from the San Pedro volcano. During this day we will observe the deposits of the most recent explosive eruptions (Upper Pleistocene-Holocene) of the San Pedro volcano, including the pumiceous pyroclastic flow El Encanto Ignimbrite (ca. 11 ka), plinian activity, and youngest activity comprising blaock and ash deposits.

Finally, we will visit the Polapi Station, ancient ruins close to a cemetery and an abandoned bus that illustrates a historical period in Chile's memory.



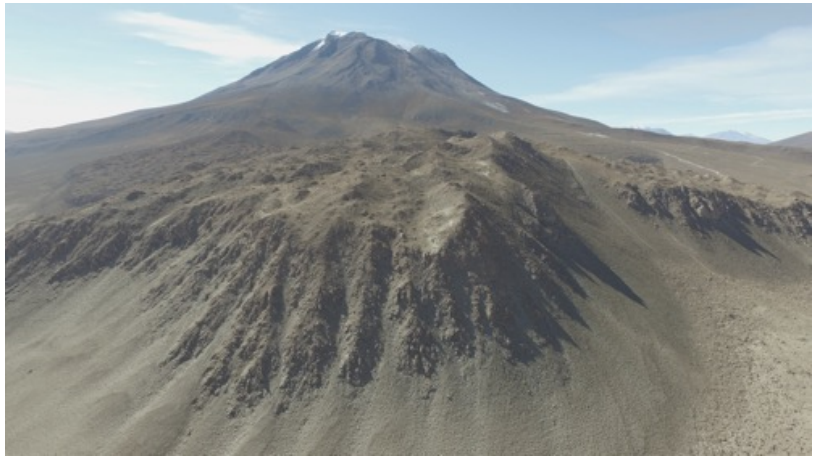
Monday 11th November

During this day, we will focus on the long-term volcanic history of the andesitic to dacitic Ollagüe volcano. We will discuss the repeated edifice growth and catastrophic failure of the volcanic edifice and the spatial-temporal reconstruction following flank collapses.

We will visit the La Celosa *pancake* dome, which is the most evolved product of the Ollagüe volcano, and the occurrence of silicic domes in the edifice flanks. Additionally, we will observe the last activity from the Ollagüe volcano and its reconstruction following the major flank collapse with initial post-collapse less evolved lava

flows and youngest activity with repeated cycles of dome growth and collapse with related block and ash deposits. We will discuss the migration of the volcanic activity, and reactivation and propagation of pre-existing fractures as preferential ascent paths.

Finally, the Buenaventura debris avalanche deposit will be observed with the classical hummocky topography. We will discuss the trigger factors of flank collapse and the effect of a salt flat-derived substrate on the transport and emplacement mechanisms of debris avalanches and post-depositional fluctuations of the ancient Carcote paleolake.

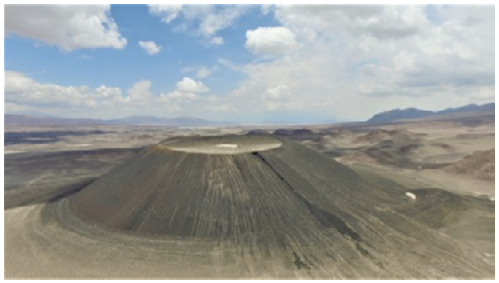


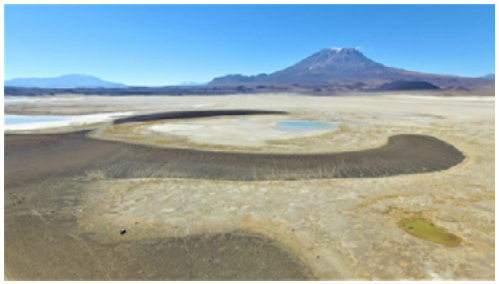
Tuesday 12th November

We will visit the town of Amincha, a sister community of Ollagüe, whose small population of eighty-year-old represents the worldview associated with the volcano. We will analyze the legacy and consequences of past economic activities around the volcano.

During this day we will visit different monogenetic centers in the Salar de Carcote Basin, including the Poruñita scoria cone, SC2 lava shield-like, and Luna de Tierra tuff ring. We will discuss the relationship of the basaltic-andesite monogenetic volcanism with polygenetic volcanism and their relationships with the debris-avalanche deposit from the Ollagüe volcano. In addition, we discuss the internal and external factors that affected the formation of these monogenetic centers and the relationship between them and the concept of monogenetic volcanic fields.

In addition, we will visit the Buenaventura mining camp, which was built in 1916 and was operational until 1976. It was dedicated to sulfur extraction from the Ollagüe volcano, where the train that connects Chile and Bolivia still passes.





Wednesday 13th November

During the last day, we will tour the town of Ollagüe, visiting Salar de Carcote and Salar de Ascotan. We will visit various heritage buildings, developing a story about their history and importance for the community. We will discuss recent research focused on analyzing social, physical, territorial, and economic vulnerability and how this type of study contributes to evaluating volcanic risk and disaster prevention.

Field trip leader

Ph.D. José Pablo Sepúlveda

Ph.D. Gabriel Ureta

Ph.D. Alfredo Esquivel

Registration fees

Duration: five days – four nights.
Minimum 8 participants.
Maximum 16 participants.
Cost: 600.000 CLP (shared room for two people).
The post-conference field trip will be carried out in a high-altitude location (average altitude of 3,700 m a.s.l.). The registration fees include breakfast, snacks, dinner, accommodation in Ollagüe (simple place with basic services), transportation by vehicle during the field trip, and field guides. Does not include personal equipment (clothes, boots, medicine, etc).

Registration for the Post - Conference field trip will be done through the payment of the registration fee for each field trip. The payment system is still **open** on the following website: monogeneticconference2024.ckelar.org/field-trips/

Places available for each excursion until out of stock.

HOW TO GET TO SAN PEDRO DE ATACAMA

The most common way to get to San Pedro de Atacama is from Santiago to the city of Calama (by plane) and then head towards San Pedro (by car/bus).

From International flight to Chile

The main international airport in Chile is the Arturo Merino Benítez (AMB) Airport in Santiago city at 1,670 km to San Pedro de Atacama, offering convenient international and national connections (the main airplane companies are LATAM Airlines, Sky Airlines, and JetSmart).

El Loa International Airport (CJC) is 100 km west of San Pedro de Atacama town, offering convenient international connections to Lima (Peru) and national connections (mainly to Santiago).

Andrés Sabella International Airport (ANF) is located in the Antofagasta city, at 330 km west of San Pedro de Atacama town, offering convenient international connections to Lima (Peru) and national connections (mainly to Santiago).

The closest airport to San Pedro de Atacama are El Loa International Airport (CJC) in Calama city.

From the Antofagasta airport to San Pedro de Atacama

The driving distance between Antofagasta and San Pedro de Atacama (312 km) along Route 25 to Calama and then Route 23 to San Pedro de Atacama. Duration approximately 4h by car.

From Andrés Sabella International Airport in Antofagasta, several alternatives in transportation are available to cover the 312 kilometers that separate you from your lodging in San Pedro de Atacama (four hour and a half of trip).

To take a bus, go from the Andrés Sabella airport to the center of the city of Antofagasta (to the Antofagasta bus terminal) by taxi (from 15,000 CLP / ~ 14 USD) or transfer (from 10,000 CLP / ~ 11 USD), and there choose the company of your preference. Regular bus service connections are scheduled hourly between terminals of Antofagasta to Calama (bus ticket from 6,000 CLP / ~ 7 USD; three hours of trip), and then from Calama to San Pedro de Atacama (bus ticket from 5,000 CLP / ~ 6 USD; one hour and a half of trip).

From the Calama airport to San Pedro de Atacama

The driving distance between Calama and San Pedro de Atacama (100.5 km) along Route 23. Duration approximately 1h 14 minutes by car.

From El Loa airport in Calama, several alternatives in transportation are available to cover the 100 kilometers that separate you from your lodging in San Pedro de Atacama (one hour and a half of trip). The most convenient way is by hiring the Transfer service with the official companies operating at the airport.

Other option is to take a bus, go from the airport to the center of the city of Calama (to the Calama bus terminal) by taxi and there choose the company of your preference. Regular bus service connections are scheduled hourly between terminals of Calama to San Pedro de Atacama (bus ticket: ~ 5,000 CLP / ~ 6 USD). This is the most economical alternative.

A list of different companies for a direct transfer from the Calama Airport to San Pedro de Atacama.

Calama - San Pedro de Atacama by bus

• **TurBus**: Balmaceda #1852, Calama. Phone: 316699. Granaderos #1852, Calama. Phone: 313700.
• **Buses Frontera del Norte**: Antofagasta #2046, Calama. +56 9 4228 2119
• **Buses Atacama 2000**: Abaroa #2106, Calama. Phone: (55) 2316664.

Calama – San Pedro de Atacama by Transfer

• **Transfer Pampa**: +56 9 5226 0720. contacto@transferpampa.cl
• **GreatChile**: +56 223 347 802. reservas@greatchile.com
• **Denomades**: +56 9 4577 7777. reservas@denomades.com
• **TransVIP**: Phone: (2) 2677 3000. reserva.empresas@transvip.cl
• **Transfer Atacama**: reservas@transferatacama.cl
• **Cordillera Traveller**: +56 9 8835 4298. flavio@cordilleratraveller.com
• **Alabalti Transporte San Pedro**: +56 9 8752 8197.

Calama – San Pedro de Atacama by Taxi

• **Fátima**: +56 9 4080 3781.
• **Radio Taxi La Rosa Calama**: +56 9 6610 6418 +56 9 8122 3297.
• **Taxi Wally**: +56 9 9043 1378.
• **Radio taxi Calama Desierto**: +56 9 9929 7136 +56 9 3061 7664.
• **Radio taxi San Antonio**: +56 9 6775 6020.
• **Radio taxi Amigo**: +56 9 8965 1400.
• **Radio Taxi Loaexpress**: +56 9 5643 6553.

ACCOMMODATION

Some recommended accommodation in San Pedro de Atacama that are close to the Coyo-Antay conference room:

Hostal Lalck Cketi
Hostal Montepardo
Hostal Anpaymi Atacama
Hostal Sumaj
Hostal Tulvak Atacama
Hostal Desert
Hostal Mirador
Hostal Atacama North
Hostal Casa Colque
Hostal Atacama Ancestral
Hostal Tuyasto

More information:
www.sanpedrodeatacamahotels.com

SAFETY AND EMERGENCY INFORMATION SAN PEDRO DE ATACAMA

Public Health Service

CESFAM San Pedro de Atacama

(55) 2426330

(55) 2851010

(+56) 9 3197 1134

131

Fire Service

Bomberos San Pedro de Atacama

+56 9 33978288

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Policy

Carabineros de San Pedro de Atacama

(55) 2755350

(+56) 9 81884829

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IMPORTANT DATES TO REMEMBER RELATED TO THE 1ST IMC

First Circular: 1st_IMC_FirstCircular.pdf
Second Circular: 1st_IMC_SecondCircular.pdf
Third Circular: 1st_IMC_ThirdCircular.pdf
Grant application deadline: June 15, 2024
Abstract submission deadline: June 15, 2024
Early Bird Registration deadline: Before July 1, 2024
Fourth Circular: 1st_IMC_FourthCircular.pdf
Fifth Circular: 1st_IMV_FifthCircular.pdf
Pre-conference field trip: October 31 - November 2, 2024
Conference: November 4-8, 2024
Intra-conference field trip: November 7, 2024
Post-conference field trip: November 9-12, 2024

SCIENTIFIC SESSIONS

Scientific Session 1

Monogenetic volcanoes: physical volcanology, eruption dynamics, and eruptive styles

Conveners:

Ph.D. Alison Graettinger
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Ph.D. Pierre-Simon Ross
pierre-simon.ross@inrs.ca

Ph.D. James White
james.white@otago.ac.nz

Scientific Session 2

Morphology, structure, and geophysical modeling of monogenetic volcanoes

Conveners:

Ph.D. Karen Bemis
bemis@marine.rutgers.edu

Ph.D. Pablo Grosse
pablogrosse@yahoo.com

Ph.D. Xavier Bolós
xbolos@geo3bcn.csic.es

Scientific Session 3

Geochronology, tectonic, and spatial distribution in monogenetic systems

Conveners:

Ph.D. Claus Siebe
c.siebe.g@gmail.com

Ph.D. Edgardo Cañón-Tapia
ecanon@cicese.mx

Ph.D. Emily R. Johnson
erjohnson@usgs.gov

Scientific Session 4

Geochemistry, petrology, and petrological modeling at monogenetic volcanism

Conveners:

Ph.D. Boris Chako Tchamabé
boris.chako@umich.mx

Ph.D. Hugo Murcia
hugo.murcia@ucaldas.edu.co

Ph.D. Kristina Walowski
walowski@wwu.edu

Scientific Session 5

Lakes in monogenetic systems: Sedimentary record of paleontology, climate change and hydrochemistry

Conveners:

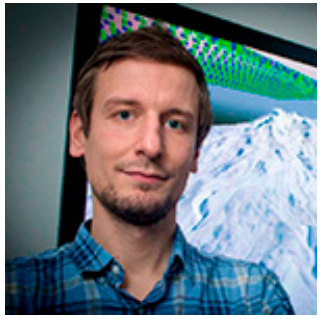
Ph.D. Dmitri Rouwet
dmitri.rouwet@ingv.it

Ph.D. Linus Anye Nche
ncheanye2002@gmail.com

Scientific Session 6

Volcanic hazard and risk assessment in monogenetic volcanic fields

Conveners:



Ph.D. Gabor Kereszturi
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Ph.D. Laura Becerril
laura.becerril@uoh.cl

Ph.D. Stéphanie Barde-Cabusson
sbarde@geo3bcn.csic.es

Scientific Session 7

Geoheritage, geotourism, and geoconservation in volcanic areas

Conveners:

Ph.D. Gabriel Ureta
gabriel.ureta@ckelar.org

Ph.D. Károly Németh
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Ph.D. Marie-Noëlle Guilbaud
marie@igeofisica.unam.mx

More information in: monogeneticconference2024.ckelar.org/program/

La Pacana

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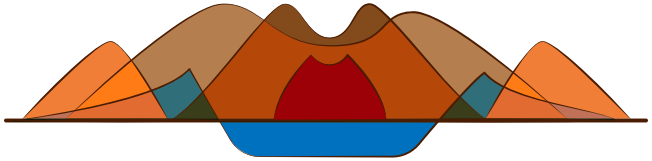

1st International Monogenetic Conference

November 4 - 8 - 2024

San Pedro de Atacama, Chile

Contact:

monogeneticconference2024@ckelar.org

Website:

monogeneticconference2024.ckelar.org

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