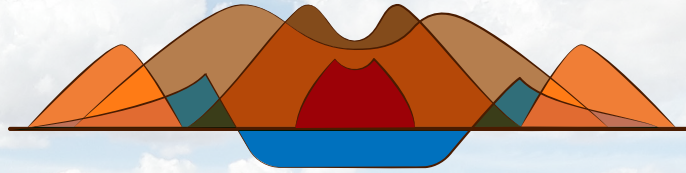


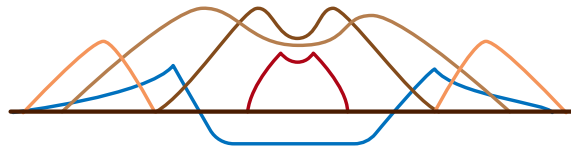
Fourth Circular



1st International Monogenetic Conference

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





1st International Monogenetic Conference

Welcome to the fourth circular of the 1st International Monogenetic Conference (1st IMC), conference, which succeeds the International Maar Conference, organized by the International Association of Volcanology and Chemistry of Earth's Interior (IAVCEI) 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) between the 4th (Monday) and 8th (Friday) of November 2024.

This is a multidisciplinary conference on monogenetic volcanism, covering a wide spectrum of topics. These, among others, include physical volcanology, stratigraphy, field geology, geochemistry, petrology, and geophysics of small-volume volcanoes, modelling of volcanic explosions, along with environmental, cultural heritage, economic and hazard aspects related to monogenetic systems and crater lakes.



VENUE

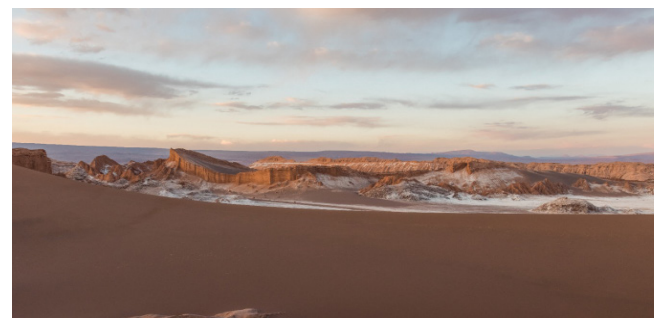
Information about San Pedro

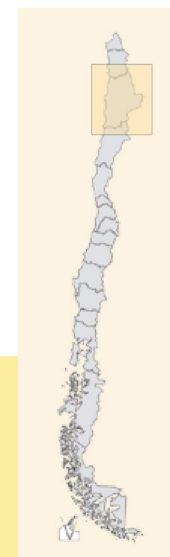
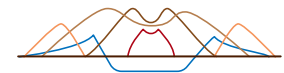
The most touristic place in the north of Chile is San Pedro de Atacama. Located in the Antofagasta Region, the commune is characterized by a desert climate at 2,450 m a.s.l., drastic temperature changes between day and night, and with a particular summer rainfall that does not exceed 100 mm per year. Founded in a region inhabited by diverse pre-Columbian cultures, the town has preserved its Spanish colonial architecture, with adobe houses and dirt streets, creating a picturesque atmosphere. Its rich history dates back thousands of years and can be explored through the numerous nearby archaeological sites, such as the historical monument Pukará de Quito, 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 activity and wind, which include the Valley of the Moon, which was declared a nature sanctuary in 1982, the Salar de Atacama, the Tatio Geysers and the Altiplanic Lagoons, among many more. These unique landscapes offer incredible opportunities for photography, wildlife viewing, and outdoor adventures.

The culture of San Pedro de Atacama is equally fascinating, with a strong influence of indigenous Atacama traditions manifested in local crafts, including weaving, ceramics and jewelry. Gastronomy also plays an important role in local culture, with traditional dishes such as pastel de choclo, sopaipilla, and charqui offering a feast for the senses and a sample of the region's traditional cuisine.

San Pedro de Atacama offers a variety of activities and services for visitors, including accommodation, the prices of which can vary widely depending on the season, location, and amenities offered. As a general reference, cheap hostels can range from \$15 to \$30 USD per night per person in shared rooms. Mid- to high-end hotels can range from \$50 to \$150 USD per night per room, while luxury boutique hotels can exceed \$200 USD per night. It is important to note that these prices are approximate and may vary. It is recommended that you review accommodation options on hotel booking websites or contact properties directly for updated information on rates and availability.





DATOS ÚTILES Telefonos de transporte / Transportation phone numbers

	Aeropuerto Internacional Arturo Merino Benítez Arturo Merino Benítez International Airport	(56 2) 26901707
	Aeropuerto Internacional Andrés Sabella Gálvez de Antofagasta Andrés Sabella Gálvez International Airport Antofagasta	(56 55) 2254998
	Camino a Mejillones S/N Road to Mejillones S/N	
	Aeropuerto Internacional El Loa, 5 km al sureste de Calama. El Loa International Airport, 5 km southeast of Calama.	(56 55) 2344897
	Terminal de Buses de Antofagasta, Cardenal Carlos Oviedo Cavada Antofagasta Bus Station, Cardinal Carlos Oviedo Cavada	(56 55) 2484502
	Av. Pedro Aguirre Cerda 5750. Avenue Pedro Aguirre Cerda 5750.	
	Terminal de buses Turbus Calama, Granaderos 3048 Turbus Calama Bus Station, Granaderos 3048	(56 55) 2313696
	Terminal de Buses San Pedro de Atacama, calle Tumiza s/n, población Licancabur. San Pedro de Atacama Bus Station, Tumiza street s/n, Licancabur population.	
Oficina de Información Turística / Touristic Informations Office		
	Arturo Prat 384, piso 1, Antofagasta Street Arturo Prat 384, floor 1, Antofagasta Infoantofagasta@sematur.cl	(56 55) 2451818
	Calle Toconao 405, San Pedro de Atacama Street Toconao 405, San Pedro de Atacama Sanpedrodeatacama@sematur.cl	(56 55) 2851420
	Oficina Municipal de Información turística de Calama, Parque El Loa s/n. Calama Municipal Information Bureau, Parque El Loa s/n. infoturismo@calama.cl	(56-55) 2711155
	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 Automático / 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 in this link: webpay.cl

Method of payment: **Credit Card** or **Bank Transfer** (only national transfer, which must be solicited directly by email: monogeneticconference2024@ckelar.org).

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.

PRELIMINARY 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 as 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.
- Locations, inscriptions and details for Intra Conference Fieldtrip will be informed during October 2024 (last Circular) and during the accreditation process.



GENERAL PROGRAM*

Monday 4 th	Tuesday 5 th	Wednesday 6 th	Thursday 7 th	Friday 8 th
	09:00 – 09:45 hrs Keynote talk	08:00 – 18:00 hrs Intra Conference Field Trip	09:00 – 09:45 hrs Keynote talk	09:00 – 09:45 hrs Keynote talk
	09:45 – 10:30 hrs Oral sessions		09:45 – 10:30 hrs Oral sessions	09:45 – 10:45 hrs Oral sessions
	10:30 – 11:15 hrs Coffee break and Poster sessions		10:30 – 11:15 hrs Coffee break and Poster sessions	10:45 – 11:30 hrs Coffee break and Poster sessions
	11:15 – 12:30 hrs Oral sessions		11:15 – 12:30 hrs Oral sessions	11:30 – 12:45 hrs Oral sessions
	12:30 – 14:15 hrs Lunch		12:30 – 14:15 hrs Lunch	12:45 – 14:30 hrs Lunch
	14:15 – 15:30hrs Oral sessions		14:15 – 15:30 hrs Oral sessions	14:30 – 15:45 hrs Oral sessions
	15:30 – 16:15 hrs Coffee break and Poster sessions		15:30 – 16:15 hrs Coffee break and Poster sessions	15:45 – 17:15 hrs IAVCEI Commission on Monogenetic Volcanism
	16:15 – 17:00 hrs Oral sessions		16:15 – 17:15 hrs Oral sessions	17:15 – 17:30 hrs Conclusions
18:00 – 18:45 hrs Accreditation	17:00 – 17:15 hrs Information abot Intra-Conference Fieldtrip			19:00 – 22:00 hrs Gala dinner – James Luhr Award
18:45 – 20:00 hrs Opening Ceremony				

*The general program per day could be modified.

PRE-CONFERENCE FIELD TRIP

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 to 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 of different vents occurring in an area of 500 km² in the rear-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.

The pre-conference field trip to Maule valley is scheduled in three days, starting from and ending at Santiago de Chile, with transportation included in the fees. The fees also cover the costs for two nights of hosting in cabins and all meals/beverages during the field trip.



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.

Registration fees

Duration: three days – two nights.

Minimum 15 participants.

Maximum 25 participants.

Post-conference fees: 350.000 CLP.

Post-conference fees includes: breakfast, snacks, dinner, accommodation in Maule (in cabins for six people), transportation by vehicle during the field trip, and field guides. Does not include personal equipment (clothes, boots, medicine, etc).

Registration for the Pre -and Post-Conference field trips will be done through the payment of the registration fee for each field trip. The payment system will be **open on August 7, 2024 at 12:00 p.m. (noon) of Chilean time** on the following website: monogeneticconference2024.ckelar.org/field-trips/

Places available for each excursion until out of stock.



Laguna del Maule

POST-CONFERENCE FIELD TRIP

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

November 9-13, 2024

Ollagüe is a small and isolated border town with Bolivia located 215 km northeast of Calama at 3,700 m a.s.l. with a hot high-altitude desert climate, extreme aridity and temperatures with a strong daily thermal oscillation. 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 the La Poruña and La Poruña scoria cones, San Pedro-San Pablo and Ollagüe stratovolcanoes, 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 such as:

General itinerary

Saturday 9 th 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 an 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 black 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.



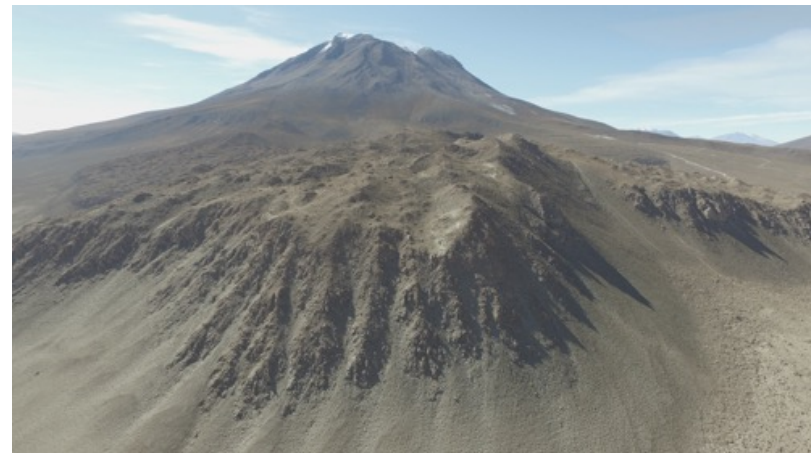
Monday 11th November

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.

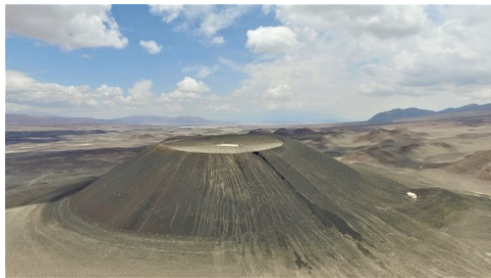


Tuesday 12th November

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 Pre -and Post-Conference field trips will be done through the payment of the registration fee for each field trip. The payment system will be **open on August 7, 2024 at 12:00 p.m. (noon) of Chilean time** 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



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: October 1, 2024
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

ABSTRACT SUBMISSION

The modality of the abstract's acceptance will be informed at August 19, 2024. Details about the format, size, and system of the oral and poster presentation will be informed in the Fifth Circular (1st October, 2024).

INTRA-CONFERENCE FIELD TRIP

According to the number of participants, several options will be offered for Intra Conference Field Trip, such as Lascar volcano and Cerro Overo maar, Alitar explosion crater with fumaroles and Alitar stratovolcano, La Pacana Caldera and domes (torta domes), Tilocálar monogenetic volcanic field, among others. It will be informed in the Fifth circular.

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
132

Policy

Carabineros de San Pedro de Atacama
(55) 2755350
(+56) 9 81884829
133



SCIENTIFIC SESSIONS

Scientific Session 1

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

Conveners:



Ph.D. Alison Graettinger
graettingera@umkc.edu



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



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

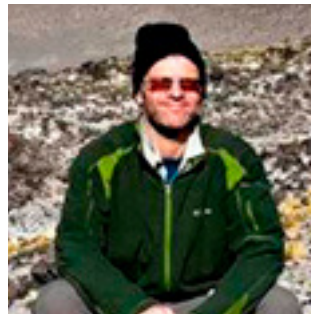
Scientific Session 2

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

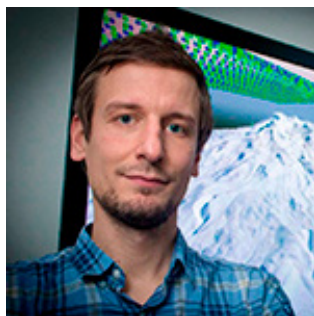


Ph.D. Linus Anye Nche
ncheanye2002@gmail.com

Scientific Session 6

Volcanic hazard and risk assessment in monogenetic volcanic fields

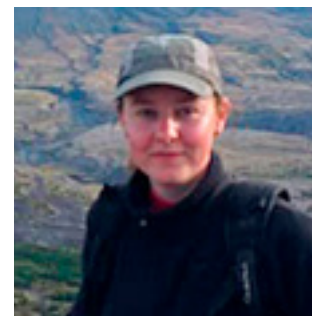
Conveners:



Ph.D. Gabor Kereszturi
g.kereszturi@massey.ac.nz



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

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



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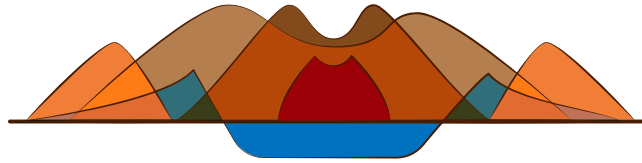
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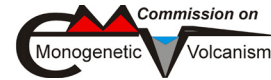
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