Second Circular

1st International Monogenetic Conference

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

The Local Organizing Committee and the International Association of Volcanology and Chemistry of Earth’s Interior (IAVCEI) are pleased to welcome you to the 1st International Monogenetic Conference (IMC) in San Pedro de Atacama (Chile) in Nov 4-8, 2024. The conference will include three days of scientific sessions, which will combine keynote speakers, oral presentations, and posters, and one day of intra-meeting fieldtrip.

The conference will cover a wide spectrum of interesting topics related to several monogenetic volcanism. 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.

The conference will be held in San Pedro de Atacama, Antofagasta region, Chile. This town stands out for being a tourist place of excellence in northern Chile, but it is also surrounded by monogenetic volcanoes such as Cerro Overo maar, torta domes, among other monogenetic centers (e.g., Tilocálar, Cerro Overo, Cerro Tujle, etc), active stratovolcanoes such as Lascar (most active volcano in the north of Chile) and Alitar, and potentially active such as Licancabur and Chiliques, among others.

All scientific sessions and poster presentations of the 1st IMC will be held at the Coyo-Antai Hall in San Pedro de Atacama, Chile. In addition, all the intra-conference field trips will be carried out in volcanoes and volcanic areas around the city.
IMPORTANT DATES TO REMEMBER RELATED TO THE 1ST IMC

Second Circular: May 15, 2024  
Third Circular: June 1, 2024  
Grant application deadline: June 15, 2024  
Abstract submission deadline: June 15, 2024  
Early Bird Registration deadline: Before July 1, 2023  
Fourth Circular: August 1, 2024  
Fifth Circular: October 1, 2024  
Conference: November 4-8, 2024  
Pre-conference field trip: October 31 - November 2, 2024  
Intra-conference field trip: November 7, 2024  
Post-conference field trip: November 9-12, 2024

ABSTRACT SUBMISSION

Submit an abstract using the abstract template provided in the link: 1st_IMC_2024_Abstract_template.doc  
For sending the abstract the system will be open from June 1, 2024 (see Third Circular).

Registration form provided in the link: 1st_IMC_2024_Registration_form.docx

GRANT APPLICATIONS

The 1st IMC can offer a limited number of grants that can provide support for registration and/or partial expenses (accommodation and meals), depending on available funding and the number of applications. Students, young researchers, and scientists attending from developing/low-income countries are encouraged to submit their applications. Information on the application procedure will be announced in the Third Circular.
REGISTRATION PAYMENT

Registration payment can be made only online. Method of payment: Bank Transfer (only national transfer) or Credit Card. The payment procedure will be activated soon.

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

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

**CLP = chilean pesos
Registration fee 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.
7. Closing 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.
TENTATIVE LIST OF FIELD TRIPS

Pre- and Post- Conference field excursions will be carried out in the north and south of Chile. More information will be announced in the Third Circular. These field trips will be carried out in monogenetic volcanic fields related to active stratovolcanoes such as Ollagüe volcanic field, Negros de Aras / El Negrillar volcanic field, and Carrán Los Venados volcanic field.

On the other hand, 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.

Information about Pre- and Post- Conference field trips will be announced in the next circulars.
CONFERENCE LANGUAGE

The official language of the conference will be English.

PROPOSED SCIENTIFIC SESSIONS TOPICS

• Monogenetic volcanoes: Eruption dynamics, growth, and physical volcanology.
• Geophysical modeling, morphology, and structure of monogenetic volcanoes.
• Geochronology and tectonic in monogenetic systems.
• Geochemistry, petrology, and petrological modeling at monogenetic volcanism.
• Lakes in monogenetic systems: Sedimentary record of paleontology, climate change and hydrochemistry.
• Volcanic hazard and risk assessment in monogenetic volcanic fields.
• Geoheritage, geotourism, and geoconservation in volcanic areas.

Details about each scientific session will be announced in the Third Circular.
VENUE

All scientific acts (scientific sessions and posters presentation) related to the 1st ICM will be celebrated at the Salón Coyo-Antai of the San Pedro de Atacama town. Other events such as opening, and the gala dinner will be organized in other locations of the town of San Pedro de Atacama.

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 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.

**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).
INFORMATION ABOUT SAN PEDRO DE ATACAMA

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 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 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 per night per person in shared rooms. Mid- to high-end hotels can range from $50 to $150 per night per room, while luxury boutique hotels can exceed $200 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.
LOCAL ORGANIZING COMMITTEE

Chair of the conference

Gabriel Ureta Alfaro | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile).

Members (in alphabetical order):

Alexandra Fuentealba | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Logistical advisor.
Alexander Scheinost | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Amiel Nieto | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Débora Gutiérrez | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Elenita Fuenzalida | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Logistical advisor.
Felipe Aguilera | Universidad Católica del Norte (Chile) and Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Ivana Torres Ewert | University of Missouri-Kansas City (USA) – Scientific advisor.
José Pablo Sepúlveda | Università degli Studi di Firenze (Italy) – Scientific advisor.
Luis E. Lara | Universidad Austral de Chile (Chile) and Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Marisol Cortes | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Logistical advisor.
Mauricio Díaz | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Logistical advisor.
Manuel Inostroza | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Pablo Salas | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Patricio Vásquez | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Logistical advisor.
Pilar Canales | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Logistical advisor.
Rodrigo González | Universidad Católica del Norte (Chile) and Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Susana Layana | Universidad Católica del Norte (Chile) and Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
Verónica Oliveros | Universidad de Concepción (Chile) and Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile) – Scientific advisor.
SCIENTIFIC COMMITTEE

Members (in alphabetical order):
For confirmation.

IAVCEI COMMISSION ON MONOGENETIC VOLCANISM

Co-Leaders

Emily Johnson | Cascades Volcano Observatory, USGS (USA).
Marie-Noelle Guilbaud | Universidad Nacional Autónoma de México, UNAM (México).

Secretary

Karen Bemis | Rutgers University (USA).

Early Career Representatives

Nanci Reyes Guzmán | Universidad Nacional Autónoma de México, UNAM (México).
Gabriel Ureta Alfaro | Millennium Institute on Volcanic Risk Research - Ckelar Volcanoes (Chile).

Webmaster

Alison Graettinger | University of Missouri-Kansas City (USA).

Social Media

David Arteaga | Vulcanological Observatory of the Geological, Mining and Metallurgical Institute - INGEMMET (Perú).
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Contact:
monogeneticconference2024@ckelar.org