

7th INTERNATIONAL CONFERENCE OF PALAEOGEOGRAPHY

October 16-19, 2026 - Mendoza, Argentina



Palaeogeography in the digital & AI age



Introduction

The International Conference of Palaeogeography (ICP) is a biennial event that promotes international academic exchange and interdisciplinary collaboration in palaeogeography and related disciplines. It is also strategically important for predicting and exploring energy and mineral resources worldwide. Since its inception in 2013, the ICP has been held six times in China, including Beijing (2013), Beijing (2015), Chengdu (2017), Beijing (2019), Wuhan (2022) and Nanjing (2024). The seventh ICP (2026) will be held outside China for the first time, and will provide an excellent opportunity to share and discuss the latest achievements in geoscience in a friendly and collaborative environment. It will be held in Mendoza, Argentina, during October 2026; located at the foot of the Andes, this city is world famous for its fantastic geology, cuisine and vineyards.



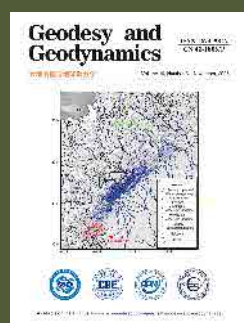
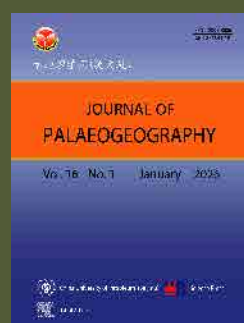
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International Society of Palaeogeography (ISP)
China University of Petroleum (Beijing)
Shandong University of Science and Technology (SDUST)
International Lithosphere Program (ILP)
Universidad Nacional de Cuyo (UNCUYO)
Universidad Nacional del Sur (UNS)



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Asociación Paleontológica Argentina (APA)
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We warmly welcome additional organizations to join as co-sponsors! Interested parties may reach out to the Preparatory Committee of the 7th ICP

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Venue

Venue: Sheraton Mendoza Hotel, Primitivo de la Reta 989, M5500 Mendoza, Argentina. Located in the downtown of Mendoza, the Sheraton Mendoza Hotel, together with the Hualta and Huentala hotels share a common space, with 356 rooms and a number of meeting rooms.

Visiting Mendoza constitutes a wonderful experience for enjoying excellent geological exposures, food and wine. A selected options of complementary activities for attendees and accompanying members will be provided, focused in allowing a wonderful geological and touristic experience in Argentina.

Schedule

- 2026. Oct. 9–15** **Pre-conference field excursions:** (1) A field trip through the Proto-Andean sedimentary record and proxies for the reconstruction of western Gondwana basins through time (seven days); (2) Andean structural styles: Chos Malal fold-thrust belt, Neuquén Basin (three days)
- 2026. Oct. 16** **Short Course 1:** Describing and Understanding Shale/- Mudstone Facies. **Short Course 2:** Sedimentology of Shelf Deltas: Key Palaeogeographical Elements. **Short Course 3:** Trace Fossils in Palaeoenvironmental Reconstructions. Registration. Ice breaker
- 2026. Oct. 17** Opening Ceremony, plenary talks, oral presentations, poster presentations
- 2026. Oct. 18** **Intra-conference field excursions and intra-conference activities:** (1) Field trip to the highest Andes; (2) The Carnian Pluvial Episode in the Triassic Cuyo Basin; (3) Cambrian peritidal cyclic carbonates in epeiric seas: their main features, completeness and proxies to interpret epeiric seas; (4) City tour and Mendoza vineyards
- 2026. Oct. 19** Plenary talks, oral presentations, poster presentations. Closing Ceremony,
- 2026. Oct. 20-24** **Post-conference field excursions:** (1) Facies, depositional environments and reservoirs: an outcrop perspective. The Neuquén Basin as a case study (five days) (3) The Aconcagua transect (four days)

Technical Themes & sessions

Themes	Sessions
T1: Palaeogeography and major evolutionary events of life	T1-1: Palaeobiogeography and major biotic transitions
	T1-2: Fossil data and their application to palaeoenvironments and palaeogeography
	T1-3: Integrating multiple datasets in ichnologic analysis
	T1-4: Palaeobiogeography and major evolutionary events of life
T2: Lithofacies palaeogeography and sedimentology	T2-1: Aeolian depositional systems and desert basins
	T2-2: Fluvial and deltaic sedimentology
	T2-3: Depositional processes in coastal to shelfal environments
	T2-4: Sediment gravity flows and deep-water sedimentology
	T2-5: Mud depositional processes and linkages to basin-fill architecture
	T2-6: Fine-grained sedimentology: synergistic coevolution of Environment-Biota-Minerals
	T2-7: Carbonate sedimentation: from facies analysis to global changes
	T2-8: Non-marine carbonate sedimentology
	T2-9: Volcanic activity: environmental impact and resource significance
T3: Tectonic palaeogeography and global palaeogeographic reconstruction	T3-1: Global palaeogeographic reconstruction
	T3-2: Tectonic palaeogeography and sedimentation
	T3-3: Tectonosedimentology
	T3-4: Pre-Andean and Andean tectonics
T4: Resource palaeogeography (hydrocarbon and mineral deposits)	T4-1: Petroleum geology of deep-water depositional systems
	T4-2: Deep and ultra-deep reservoir and hydrocarbon accumulation
	T4-3: Unconventional reservoirs and hydrocarbon exploration
	T4-4: Siliciclastic reservoir geology and hydrocarbon exploration
	T4-5: Reservoir heterogeneity and hydrocarbon development
	T4-6: Depositional architecture and reservoir geology
	T4-7: Organic matter enrichment and petroleum accumulation in continental saline lacustrine basins
	T4-8: Carbonate-evaporite paragenesis system: palaeogeographic reconstruction and resource implications
	T4-9: Dolomitization and dolomite reservoirs
	T4-10: Coal-bearing successions and related mineral deposits
	T4-11: Lacustrine sedimentology applied to hydrocarbon exploration and development
	T4-12: Sedimentary metal ore deposits and palaeogeography
	T4-13: Basin volcanic activities and their potential for hydrocarbon accumulation
	T4-14: Palaeogeographic controls on sweet spot development in unconventional hydrocarbon reservoirs
	T4-15: Characteristics of shale oil reservoirs, exploration and development technology and paleogeographic control
	T4-16: Application of paleogeography and research on growth potential of oil and gas reserves
T5: Stratigraphy and basin analysis	T5-1: Marine sequence stratigraphy and basin analysis
	T5-2: Non-marine sequence stratigraphy and basin analysis
	T5-3: Palaeogeography in the period of human history
	T5-4: Precambrian sequence stratigraphy and basin evolution
	T5-5: Basin analysis in different tectonic settings
	T5-6: Shelf sedimentology and stratigraphy
T6: Global changes, paleoclimate, and sedimentary events	T6-1: Climate, ecology and geomorphology in Quaternary palaeogeography
	T6-2: Records of event deposits: processes, mechanisms and implications
	T6-3: Authigenic minerals and global changes: micro-archives of the big picture
	T6-4: Rapid climate changes and environmental crises during the Mesozoic-Cenozoic hyperthermals
	T6-5: Palaeogeography, palaeoclimate, and palaeoceanography of the Late Paleozoic Ice Age
	T6-6: Carbon, nitrogen and sulfur cycles and Earth systems evolution
	T6-7: Asian Cenozoic sedimentation and climate evolution
T7: Technologies and big data for palaeogeographic reconstruction	T7-1: Multi-scale digital geology and sedimentary simulation
	T7-2: Seismic sedimentology and its application in palaeogeographic reconstruction
	T7-3: Well-logging sedimentology and palaeoenvironment
	T7-4: Geochemical research and its application in palaeoenvironment and resource exploration
	7-5: Palaeoclimate and palaeoceanographic research using isotopic approaches
	T7-6: Data and modeling of deep-time geography
	T7-7: Astronomical forcing of palaeoclimate and palaeoenvironmental systems
	T7-8: Reconstructing Earth's surface evolution from numerical modeling
	T7-9: Palaeogeographic reconstruction based on big data and AI

Abstract and presentation format

An abstract volume (including oral and poster presentations) will be released at the conference. **The deadline for submission of abstracts is May 30, 2026.**

Abstract format: Each abstract should not exceed one page of A4 paper, including one figure/table as maximum. The content of the abstract includes the title, author's name, author's institution, corresponding author's E-mail, body of the abstract, and keywords. Abstracts should be written in document format (.doc or .docx). The abstract format template and submission pattern are provided on the conference website <https://www.isp2022.org/en/conferences/>. The conference language will be English. The conference will invite a number of renowned scientists to make plenary presentations, and set up a number of themathic sessions.

The presentation types and their corresponding times are shown as follows (multimedia ratio type 16:9):

- 1. Plenary talk: 40 minutes**, including 35 minutes for talk and 5 minutes for questions and discussions;
- 2. Keynote talk: 20 minutes**, including 15 minutes for talk and 5 minutes for questions and discussions;
- 3. General oral presentation: 15 minutes**, including 12 minutes for oral presentation (participants may prepare their talks as recorded video and play the video at the conference, with a resolution of not less than 1920×1080) and 3 minutes for on-site questions and discussions;
- 4. Poster:** the size of the poster is 90 cm × 120 cm (width × height), which needs to be posted in advance in the designated area by the authors themselves.

Please visit <https://www.isp2022.org/en/conferences/> to upload your abstract!

Short Courses



Dr. Juergen Schieber,
Indiana University, USA

Short Course 1: Describing and Understanding Shale/Mudstone Facies

An introduction to the heterogeneous nature of shales and mudstones and guidance on how to work effectively with these complex lithologies. Expose the participants to a descriptive and interpretative methodology that benefits from 40 years of experience researching these rocks. The course is a combination of lectures that explain fundamental concepts. Theory and practice are brought together for a deeper learning experience. Lectures and discussion breaks alternate to allow time for reflection, and to illustrate lecture introduced concepts with additional examples.

Short Course 2: Sedimentology of Shelf Deltas: Key Palaeogeographical Elements

River-dominated deltas, mouth bars and fluvial sediment dispersal into the basin. River discharge interacting with basinal waves, tides and fluid muds produces a compound (double clinoform) delta architecture. River deltas dispersing sediment onto wave-dominated shelves. What is the architecture (eg Rhône delta and ancient analogs). River deltas on shelves significantly affected by tides. What is the architecture? (e.g. Colorado and Han deltas, and ancient analogs). Shelf-edge deltas, how common are they?



Prof. Ron Steel,
Emeritus Professor,
University of Texas at Austin, USA



Short Course 3: Trace Fossils in Palaeoenvironmental Reconstructions

The recognition that trace-fossil distribution is strongly controlled by environmental factors has led to the success of ichnology as a valuable tool in facies analysis. Intense research during the last decades has resulted in more sophisticated trace-fossil models for

different environments. However, not all have been analyzed to the same extent. In this course, we will review the basic concepts of ichnology, the role of environmental factors on trace fossil distribution, and the strengths and weakness of current models. In addition, we will explore perspectives for future developments that may result in the construction of trace-fossil models for less understood depositional environments.

Profs. Luis Buatois & Gabriela Mangano
University of Saskatchewan, Canada



Conference fee

Type of Registration Fee		ISP Member		Non-ISP Member*		
		Attendee	Student	Attendee	Student	Accompanying Person
CNY	Before July 1, 2026 (Early bird)	2,500	1,500	3,500	2,000	1,200
	After July 1, 2026	3,000	1,800	4,000	2,400	1,500
	After September 30, 2026 or Onsite	4,000	2,400	4,500	3,000	2,000
USD (USD)**	Before July 1, 2026 (Early bird)	350 (290)	210 (150)	500 (440)	285 (225)	170 (110)
	After July 1, 2026	430 (370)	260 (200)	575 (515)	345 (285)	215 (155)
	After September 30, 2026 or Onsite	575 (515)	345 (285)	640 (580)	430 (370)	290 (230)

Attendees from Argentina can pay the conference fee in local currency (AR\$) at the USD official rate of Banco de la Nacion Argentina.

* Non-ISP members are welcome to join the ISP (<https://www.isp2022.org/dy/join/>), and complete this registration as an ISP member.

** **The full registration includes the icebreaker reception (16-9), two buffet lunches (17-9 & 19/9) and coffee breaks.**
A reduced-fee option (in brackets) is available, including only coffee breaks.

Short courses & field trip fees

SHORT COURSE / FIELD TRIP FEE	DAYS	Attendees		ISP Member	Non-ISP Member*
		min.	max.		
Short Course 1: Describing and Understanding Shale/Mudstone Facies	1	20	80	USD 80	USD 110
Short Course 2: Sedimentology of Shelf Deltas: Key Palaeogeographical Elements	1	20	80	USD 80	USD 110
Short Course 3: Trace Fossils in Palaeoenvironmental Reconstructions	1	20	80	USD 80	USD 110
Pre-Conference Field Trip 1: The Proto-Andean sedimentary record and proxies for the reconstruction of western Gondwana basins through time	7	10	20	USD 1,750	USD 2,450
Pre-Conference Field Trip 2: Andean structural styles: Chos Malal fold-thrust belt, Neuquén Basin	3	10	20	USD 950	USD 1,330
Intra-Conference Field Trip 1: The highest Andes	1	25	75	USD 90	USD 126
Intra-Conference Field Trip 2: The Carnian Pluvial Episode in the Triassic Cuyo Basin	1	25	75	USD 90	USD 126
Intra-Conference Field Trip 3: Cambrian peritidal cyclic carbonates in epeiric seas: their main features, completeness and proxies to interpret epeiric seas	1	25	75	USD 90	USD 126
City tour and Mendoza vineyards	1	25	75	USD 70	USD 100
Post-Conference Field Trip 1: Facies, depositional environments and reservoirs: an outcrop perspective. The Neuquén Basin as a case study	5	10	20	USD 1,350	USD 1,890
Post-Conference Field Trip 2: The Aconcagua transect	4	10	20	USD 1,150	USD 1,610

* Non-ISP members are welcome to join the ISP (<https://www.isp2022.org/dy/join/>), and complete this registration as an ISP member.

Important dates

- February 01, 2026

Release of the Second Circular. Opening for abstract submission. Opening for early bird registration
- May 30, 2026

Deadline for abstract submission.
- July 01, 2026

Deadline for early bird registration
- July 30, 2026

Deadline for Field Trip registration
- September 20, 2026

Release of the Third Circular and Conference Program
- September 30, 2026

Deadline for normal registration. Starting on site registration fee
- October 17, 2026

Opening of the 7th International Conference of Palaeogeography

Contact information

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