



DEEP OCEAN
DRILLING PROGRAM



European Consortium for
Ocean Research Drilling



Australian and New Zealand
International Scientific Drilling Consortium



INCT • Atlântico
Scientific Ocean Drilling BRAZIL

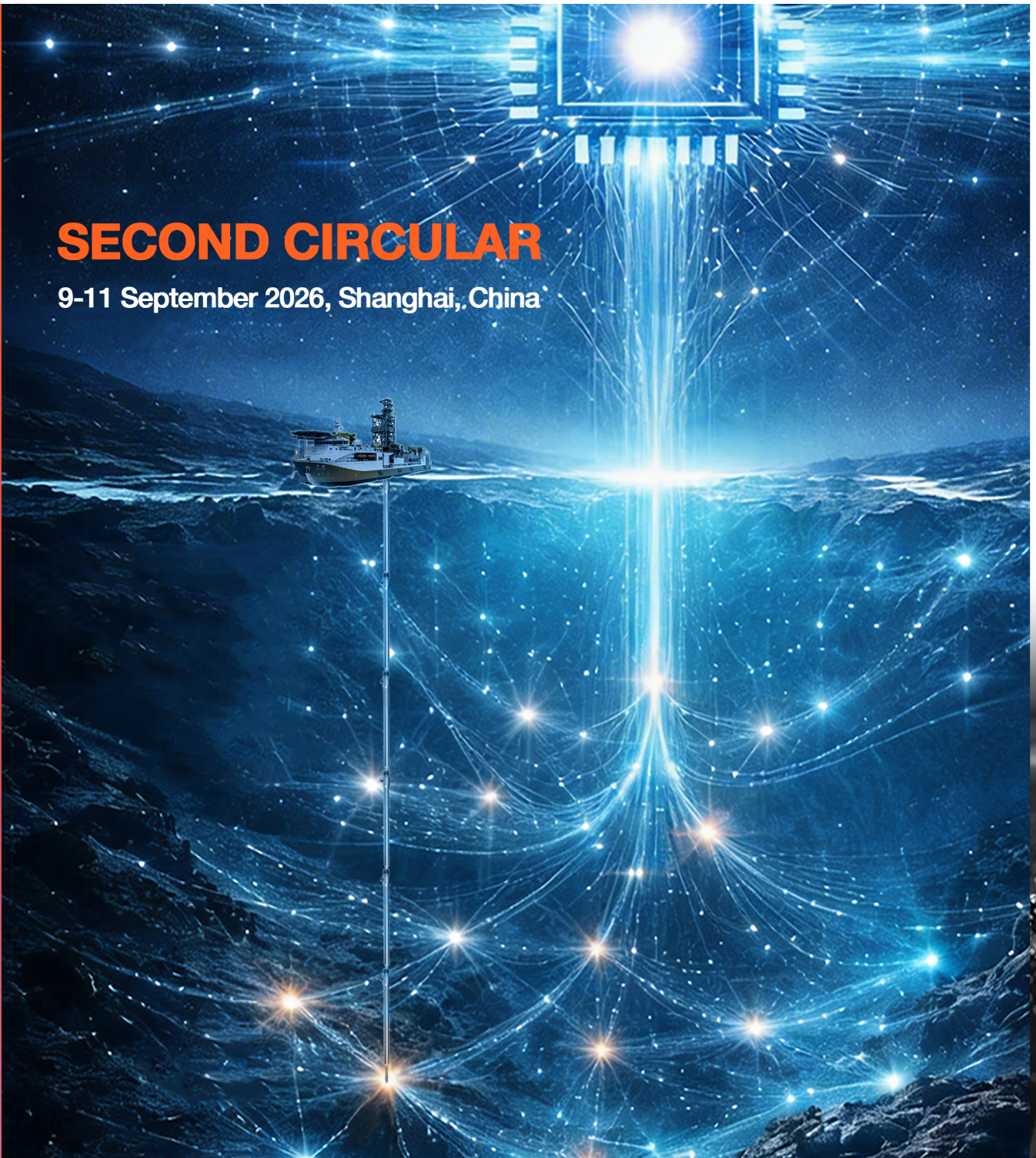


icdp
INTERNATIONAL CONTINENTAL
SCIENTIFIC DRILLING PROGRAM

THE FIRST INTERNATIONAL ELECTRONIC OCEAN DRILLING PROGRAM (E-ODP) WORKSHOP

SECOND CIRCULAR

9-11 September 2026, Shanghai, China





The First International Electronic Ocean Drilling Program (E-ODP) Workshop

9-11 September 2026, Shanghai, China

https://www.iodp-china.org/E-ODP_workshop

Second Circular (Call for Abstracts & Registration)

1. Motivation

The international ocean drilling programs (Deep Sea Drilling Program, Ocean Drilling Program, Integrated Ocean Drilling Program, and International Ocean Discovery Program) have drilled more than 4200 holes and recovered about 500 km long cores worldwide over the past nearly six decades. This sustained global effort has driven a series of significant scientific discoveries that have fundamentally redefined our understanding of the Earth system. The resulting data legacy, encompassing over 200 types across disciplines such as lithostratigraphy, sedimentology, paleontology, geochemistry, and geophysics, can continue to provide critical insights into our planet's evolution and future prediction. However, these data are currently distributed across disparate sources in fragmented and heterogeneous formats.

While some recent studies have successfully developed specialized databases and yielded high-impact results, the scientific potential of the ocean drilling data legacy remains largely underutilized. Rapid advancements in machine learning and artificial intelligence (AI) now provide the technical capabilities required to facilitate large-scale data integration and multidisciplinary synthesis for future ocean drilling studies. In view of these developments, the Electronic Ocean Drilling Program (E-ODP) has been proposed to advance global ocean drilling data integration and assimilation, thereby fostering AI-supported scientific discovery. The E-ODP initiative aligns with the “Big Data Analytics” enabling element identified in the 2050 Science Framework and was recognized on the First Scientific Drilling Forum (October 2025, Sicily, Italy).

The first international E-ODP workshop aims to convene experts in ocean drilling and data science to share recent scientific discoveries, assess existing multi-disciplinary databases, and establish a strategic roadmap for AI-supported ocean drilling research.

2. Partners

Deep Ocean Drilling Program (DODP)
European Consortium for Ocean Research Drilling (ECORD)
Australian and New Zealand International Scientific Drilling Consortium (ANZIC)
National Institute of Science and Technology-Atlântico (INCT-Atlântico)
International Continental Scientific Drilling Program (ICDP)

3. Organizers

Science Center, Deep Ocean Drilling Program (DODP)
State Key Laboratory of Marine Geology, Tongji University

4. Committees

Organizing Committee:

Chair:

- Zhifei Liu, DODP/Tongji University

Members:

- Yinan Deng, DODP/Guangzhou Marine Geological Survey
- Ron Hackney, ANZIC
- Nadine Hallmann, ECORD
- Xiumian Hu, Nanjing University
- Luigi Jovane, INCT-Atlântico
- Chao Ma, Chengdu University of Technology
- Pengfei Ma, DODP/Tongji University
- Thomas Wiersberg, ICDP
- Luanxiao Zhao, Tongji University

International Scientific Committee:

Chairs:

- Gilbert Camoin, Centre de recherche et d'enseignement des géosciences de l'environnement (CEREGE), France
- Chengshan Wang, China University of Geosciences (Beijing), China
- Zhimin Jian, Tongji University, China

Members:

- Angelo Camerlenghi, National Institute of Oceanography and Applied Geophysics (OGS), Italy
- Beth Christensen, Rowan University, USA
- Jun-ichiro Ishibashi, Kobe University, Japan
- Farid Chemale Junior, Universidade do Vale do Rio dos Sinos, Brazil

- Cindy Kunkel, International Continental Scientific Drilling Program (ICDP), Germany
- Junichiro Kuroda, The University of Tokyo, Japan
- Jiabiao Li, Second Institute of Oceanography, Ministry of Natural Resources, China
- Yige Zhang, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, China

5. Scientific Sessions

- **Session 1: Ocean Drilling Research Discoveries**

Conveners: Beth Christensen, Yige Zhang, Jun-ichiro Ishibashi

This session highlights breakthroughs derived from analyses of drilled cores or observed data. Studies using regional or global-scale data synthesis are particularly encouraged.

- **Session 2: Ocean Drilling Databases**

Conveners: Ron Hackney, Nadine Hallmann, Cindy Kunkel

This session invites presentations on ocean drilling databases and data-processing tools. Discussions will address the integration of fragmented records across disparate sources.

- **Session 3: AI-supported Research and Future Roadmap**

Conveners: Gilbert Camoin, Farid Chemale Junior, Zhifei Liu

This session explores big data and AI studies and will include discussions on the technical framework and strategic roadmap for AI-supported discovery in ocean drilling.

6. Abstract Submission & Registration

Abstract and registration information should be completed through the E-ODP Workshop registration system: https://www.iodp-china.org/E-ODP_workshop/Passport/Login. The deadline for workshop registration, abstract submission, and travel grant application has been extended to 30 July 2026. Registration for this workshop is free. All abstracts will be compiled into an abstract volume, which will be distributed to all participants.

7. Travel Grants

Travel grants are secured for all invited participants by the Organizers. Additional grants are available to other qualified participants upon application. Application should include a cover letter detailing the travel budget and requested amount, together with a brief academic CV (1–2 pages), and should be submitted through the registration system by the extended deadline of 30 July 2026. Five dedicated Early-Career Researchers

(ECRs) travel grants are available for postdoctoral researchers and early-career faculty/researchers. Interested ECRs should apply through the travel grant application on the workshop website. Additional funding and travel support can be available from various partners (e.g., ECORD, ANZIC); please contact the respective program representatives directly.

8. Important Dates

- **30 March 2026:** release of the First Circular.
- **26 June 2026:** release of the Second Circular.
- **30 July 2026:** extended deadline for workshop registration, abstract submission, and travel grant application.
- **15 August 2026:** announcement of scientific agenda
- **9-11 September 2026:** scientific program (oral and poster presentations)

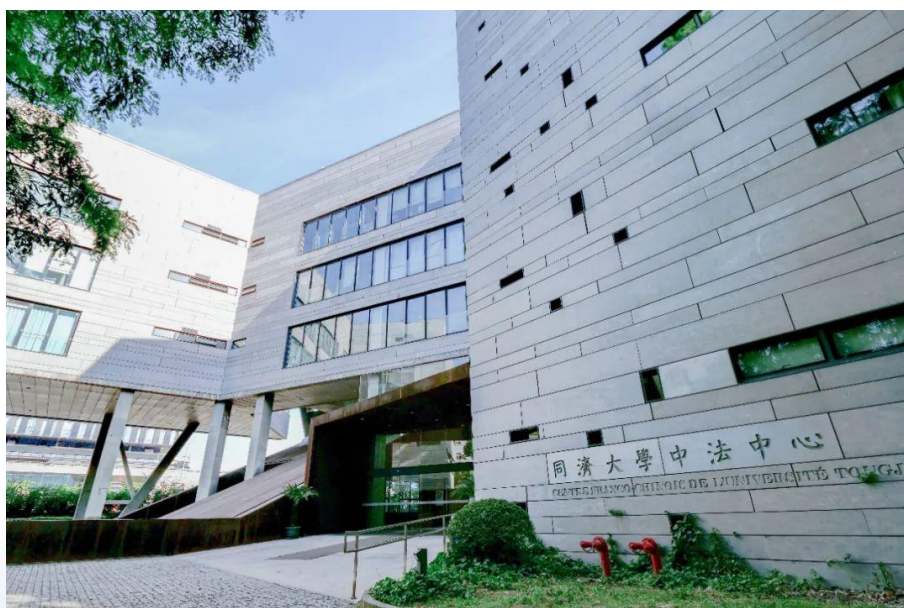
9. Visa

China now has a visa-free policy for more than 50 countries, including France, Germany, the United Kingdom, Italy, Sweden, Australia, New Zealand, Canada, Brazil, Japan, South Korea, and many others (<https://en.nia.gov.cn/n147418/n147463/c183390/content.html>). However, foreign participants are advised to check from the Chinese embassy or consulate in their countries. For those who are required visas entering China need to apply in advance.

After your registrations are completed, formal invitation letters for visa application or institutional travel authorization will be sent to you upon your requests.

10. Venue

Sino-French Center, Tongji University, 1239 Siping Road, Shanghai, China.



11. Workshop Format

The workshop will be held in a hybrid format, but participation in person is strongly encouraged. Oral presentations are only open to on-site attendees, while poster presentations are open to both on-site and online attendees. Participants will be required to choose either on-site or online during registration. Those who registered before the release of the Second Circular are automatically defaulted to on-site participation. If they need to make any change, they can do so before the registration deadline.

12. Accommodation

The Organizers have secured sufficient rooms with special rates in two hotels within a 10-minute walking distance from the venue. Please make your reservations before the deadline (for details, please visit the workshop website).

● Kingswell Hotel Tongji

Address:

50 Zhangwu Road, Shanghai, China.

Special rates:

- King Room, RMB 598/night, includes 1 breakfast;
- Twin Room, RMB 500/night, includes 1 breakfast;
- Twin Room, RMB 560/night, includes 2 breakfasts.



Kingswell Hotel Tongji

● Radisson RED Shanghai Wujiaochang Hotel

Address:

1251 Siping Road, Shanghai, China.

Special rates:

- King Room, RMB 500/night, includes 1 or 2 breakfasts;
- Twin Room, RMB 500/night, includes 2 breakfasts.

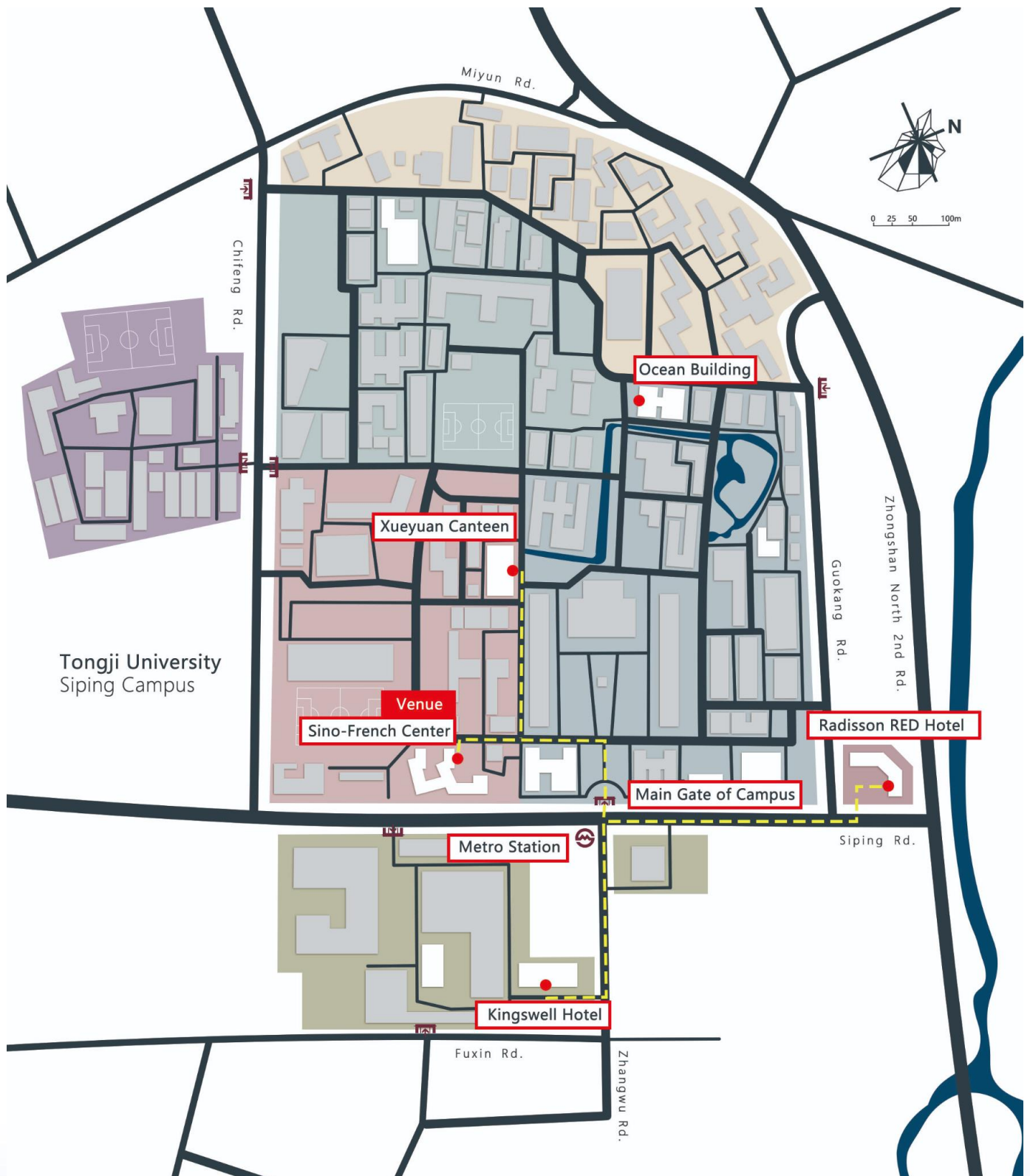


Radisson RED Shanghai Wujiaochang Hotel

13. Map & Directions

The venue of the Sino-French Center is located within the campus of Tongji University. It takes approximately 10 minutes to walk from two designated hotels

(Kingswell Hotel Tongji and Radisson RED Shanghai Wujiaochang Hotel) past the main gate of campus to the workshop venue. The “Tongji University Station” of Metro Line 10 is right at the main gate.



Map Tongji University campus and walkway to the workshop venue

Shanghai has two airports serving both international and domestic flights, namely Shanghai Pudong International Airport (PVG) and Shanghai Hongqiao International Airport (SHA). Shanghai also has three high-speed train stations that connect to other cities within the country: Shanghai Hongqiao Railway Station, Shanghai South Railway Station, and Shanghai Railway Station. To reach Tongji University from the two airports and the three railway stations, you can take the metro (fare: RMB 4-7) or a taxi (fare: RMB 25-150) (see the map for details).



Transportation map from Shanghai airports/railway stations to Tongji University

14. Local Contact

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State Key Laboratory of Marine Geology, Tongji University

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OF MARINE GEOLOGY