

第九屆台法地球科學研討會

2024/06/04~05 台灣 澎湖

會議背景

台法地球科學研討會肇始於1984年，在台北舉辦之「中法板塊構造研討會」(Sino-France Colloquium on geo-dynamics of the Eurasian-Philippine plate boundary)，第二屆的會議則於1988年在巴黎舉行。其後經歷了1990年的台法海洋科技研討會以及1991年的台灣隱沒—碰撞系統國際研討會 (TAICRUST Workshop)，第三屆台法地球科學研討會 (ACT, International conference and 3rd Sino-French symposium on active collision in Taiwan) 於1995年回到台北國際會議中心舉辦，此時定期輪流主辦會議已成雙方學界之重要傳統。

第四屆台法地球科學研討會於1999年在法國Montpellier舉行，名稱為「Active subduction and collision in Southeast Asia: Data & Models international conference and 4th France-Taiwan symposium」，2005年「東亞地體動力與環境國際會議暨第五屆台法地球科學研討會」在台灣台東舉辦，2010年第六屆會議在法國艾克思普羅旺斯(Aix-en-Provence)召開，第七屆及第八屆台法地球科學研討會分別在2014年及2019年在台灣花蓮及法國波城(Pau)舉行，皆獲致了非常好的成果。台法地球科學研討會已成為每五年一次的學界盛事。

本屆台法地球科學研討會將在台灣舉行，會議時間為2024年6月初，會議地點在澎湖，會後地質考察為澎湖外海諸島。

會議主題

本會議目標是匯集台灣和法國的地球科學研究人員，促進雙方的成果交流。本屆會議五大重點科學議題詳列如下，會議議程將視投稿狀況另行安排。

1. Geophysical imaging of subduction and collision: New perspectives
2. Challenges in geodynamics: Kinematic reconstruction and 3D numerical modelling of the inversion of rifted margins
3. Earthquakes: Improved connections with long-term rheology and erosion forcing
4. Extreme events: Earthquakes and climate changes in the sedimentary record
5. Prospective energy and risks associated to exploration

會議地點

國立澎湖科技大學國際會議廳
台灣 澎湖縣馬公市六合路300號
<https://www.npu.edu.tw/>

重要日期

1. 摘要上傳截止日期：2023年12月11日
 2. 報名截止* 日期：2024年1月10日
 3. 會議日期：2024年6月4~5日
 4. 會後考察：2024年6月6~7日
- * 含會議報名繳費及會後考察報名繳費

費用

1. 會議報名費：台幣 4500
2. 會後考察費用：台幣 8500 ~10500 (含食宿交通，費用依住宿房型不同)

會後地質考察

會後考察為期2天 (2024年6月6~7日)，將乘船至澎湖外海諸島，進行一場火山與海洋的地質之旅。

- 6月6日 馬公港 - 花嶼 - 望安島 (宿望安島)
6月7日 望安島 - 七美嶼 - 桶盤嶼 - 馬公港

主辦單位：國立中央大學太空及遙測研究中心、中央研究院地球科學研究所

協辦單位：國立澎湖科技大學、台灣地震科學中心、中華民國地球科學學會、中華民國地質學會、中華民國地球物理學會、澎湖縣政府、澎湖國家風景區管理處、法國國家科學研究院

指導單位：國家科學及技術委員會、法國在台協會、Campus France

學術委員：Nathalie Babonneau、Sebastien Chevrot、Laetitia LePourhiet、Geoffroy Mohn、Magali Rizza、李建成、徐濤德、陳卉瑄、許樹坤、溫怡瑛

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9th France-Taiwan Symposium in Earth Sciences

4th ~ 5th June 2024 – Penghu, Taiwan

➤ Background

The first France-Taiwan Symposium in Earth Sciences (hereinafter referred to as FTSES), entitled as “the Sino-France Colloquium on geo-dynamics of the Eurasian-Philippine plate boundary”, was held in Taipei in 1984, and the follow-up 2nd FTSES was held in Paris in 1988. Afterward, it experienced the 1990 “France-Taiwan Marine Science and Technology Symposium” and the 1991 TAICRUST Workshop. The 3rd FTSES was held back at the Taipei International Convention Center in 1995. At this time, it has become an important tradition for the academic circles of the two sides to host the FTSES regularly.

The 4th FTSES, entitled as “Active subduction and collision in Southeast Asia: Data & Models international conference”, was held in Montpellier, France 1999. In 2005, the 5th FTSES, also named as “Geodynamics and Environment in East Asia (GEEA)”, was held in Taitung, Taiwan. In 2010, the 6th FTSES was held in Aix-en-Provence, France, and the 7th and 8th FTSES were held in Hualien, Taiwan, and Pau, France, in 2014 and 2019, respectively. The FTSES has become an important academic event held every five years.

The coming FTSES will be held in early June 2024 in Penghu, Taiwan, and the post-conference field trip will be on the islands southern off Penghu.

➤ Main Topics

The goal of this symposium is to bring together French and Taiwanese geoscience researchers to promote the exchange of achievement. Five scientific topics of this symposium are listed below. The agenda will be arranged depending on the submission status.

1. Geophysical imaging of subduction and collision: New perspectives
2. Challenges in geodynamics: Kinematic reconstruction and 3D numerical modelling of the inversion of rifted margins
3. Earthquakes: Improved connections with long-term rheology and erosion forcing
4. Extreme events: Earthquakes and climate changes in the sedimentary record
5. Prospective energy and risks associated to exploration

➤ Venue

National Penghu University of Science and Technology
No. 300, Liuhe Rd., Magong City, Penghu County, Taiwan
<https://www.npu.edu.tw/>

➤ Important dates

1. Abstract submission deadline : 11th December 2023
2. Registration deadline : 10th January 2024
3. Plenary scientific meeting : 4th and 5th June 2024
4. Post-conference field trip : 6th and 7th June 2024

➤ Registration Fee

1. Conference: 4500 NTD
2. Post-conference field trip: 8500~10500 NTD
(Including meals, accommodation, and transportation, the cost varies depending on the type of room)

➤ Post-Conference Field Trip

The post-conference field trip will take two days (6th and 7th June 2024) to shuttle through Penghu's southern islands by boat for a geological journey of volcanoes and oceans.

6th June: Magong Port - Huayu - Wang'an Island (Stay overnight in Wang'an Island)

7th June: Wang'an Island - Qimei Islet- Tongpan Islet- Magong Port

➤ Organizers

Center for Space and Remote Sensing Research, National Central University
Institute of Earth Sciences, Academia Sinica

➤ Co-Organizers

National Penghu University of Science and Technology
Chinese Geoscience Union
Chinese Taipei Geophysical Society
Penghu National Scenic Area Administration

Taiwan Earthquake Research Center
Geological Society Located in Taipei
Penghu County Government
Centre National de la Recherche Scientifique

➤ Advisory Board

National Science and Technology Council

Bureau Français de Taipei

Campus France

➤ Scientific Committee

Nathalie Babonneau, Sebastien Chevrot, Laetitia LePourhiet, Geoffroy Mohn, Magali Rizza, Jian-Cheng Lee, J. Bruce H. Shyu, Hui-Hsuan Chen, Shu-Kun Hsu, Yi-Ying Wen

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