

The Implementation Plan for the 14th China Petroleum Engineering Design Competition International Track



The Implementation Plan for the 14th China Petroleum Engineering Design Competition International Track



Wechat public



Sina Weibo

1. Introduction to the competition

1.1 Name and logo

English name: China Petroleum Engineering Design Competition

Abbreviations: CPEDC

Competition logo: 

1.2 Contest organization

Contractor: National Committee of China World Petroleum Council

Chinese Petroleum Society

China Petroleum Education Association

Supporting Unit: China National Petroleum Corporation

China Petrochemical Corporation

China National Offshore Oil Corporation

Organizer: China University of Petroleum (Beijing)

1.3 Background of the competition

With the rapid development of the global economy, oil has become a crucial strategic commodity for countries worldwide, and its significance and role in national energy systems are increasingly prominent. Currently, the development of conventional oil and gas resources has entered a plateau, while unconventional oil and gas resources are gradually becoming a focal point in oil and gas development. This not only poses new challenges to existing development technologies but also transforms the focus of oil and gas field development design from primarily meeting usage functions to a comprehensive consideration of drilling efficiency, reservoir protection,

recovery rates, economic benefits, and various other requirements. This shift demands higher levels of professional knowledge, overall planning skills, and innovative thinking from designers. The competition aims to train and enhance students' abilities to solve complex engineering problems, cultivate petroleum engineers who are adaptable to the needs of social development, and possess technological innovation, engineering practice, and teamwork skills.

2. Competition Topic

Green, Low-Carbon, Intelligent Transformation, and Innovative Development in the Oil and Gas Industry

2.1 Contestants

The competition is open to graduate students from universities and research institutions worldwide, the participation of undergraduate and college students is also encouraged.

2.2 Competition Topic Setup

Participating students will showcase their innovative research in the relevant fields of the competition through papers. The competition requires entries to be written in English, with the submission of an English abstract and the full English paper. Outstanding award-winning papers will be recommended for presentation at major conferences both domestically and internationally.

2.3 Work requirements

2.3.1 Content requirements

- (1) The content must be complete and within the research scope

relevant to the competition theme. The paper should not have been published previously.

(2) Plagiarism is prohibited. The submitted paper and abstract must be original, and review articles are generally not accepted.

(3) Articles with multiple authors require the consent of all authors before registration.

2.3.2 Format requirements

Abstracts and papers should be formatted according to the specifications provided by the competition organizing committee. Please refer to the attachments 2-4 for specific formatting requirements.

2.3.3 Submission requirements

(1) Submit the works in the format specified by the competition organizing committee.

(2) Adhere to the submission deadline specified by the competition organizing committee; submissions beyond the deadline will be considered invalid.

2.3.4 Work Ownership Statement

The ownership of the entries belongs to the participating authors. The competition organizing committee is prohibited from disclosing any content or information related to the entries throughout the entire judging process.

3. Review process

3.1 Preliminary Competition

Responsible Unit: Expert Committee of China Petroleum

Engineering Design Competition

Evaluation Method: The competition's expert committee will assess and select papers, determining the entries that advance to the final competition.

3.2 Announcement of the Global Finals

Responsible Unit: Expert Committee of China Petroleum Engineering Design Competition

Evaluation Method: Participants will undergo on-site defense (for international participants unable to attend in person, online defense is acceptable) and Q&A sessions. Expert judges will score the presentations, and awards, including global first prize, second prize, third prize, and encouragement awards, will be determined based on the scores.

4. Award setting

First Prize: Up to one-tenth of the total final competition entries, along with a certificate and a cash prize.

Second Prize: Up to one-fifth of the total final competition entries, along with a certificate and a cash prize.

Third Prize: Up to one-third of the total final competition entries, along with a certificate.

Encouragement Award: Awarded to entries that did not receive first, second, or third prize in the final competition, along with a certificate.

Note: ① The organizing committee does not assume responsibility for corresponding factors beyond their control affecting the rewards for each category.

5. Schedule

5.1 Announcement of the Competition Topic

Date: March 12, 2024

Content: The competition organizing committee will release the competition theme through the official website.

5.2 Competition Registration

Date: March 12, 2024, to April 21, 2024

Content: Submit the registration form (Attachment 1) and the paper abstract to FPEF2024@163.com.

5.3 Submission of Entries

Date: April 22, 2024, to April 30, 2024

Content: Submit the papers to FPEF2024@163.com.

5.4 Preliminary Competition

Date: May 1, 2024, to May 9, 2024

Content: The competition expert committee will assess and select papers, determining the entries that advance to the final competition.

5.5 Announcement of the Global Finals List

Date: May 10, 2024, to May 11, 2024

Content: Based on the preliminary competition review results, the competition organizing committee will announce the list of entries that have qualified for the global finals on the official competition website.

5.6 Announcement of the Global Finals

Date: May 18, 2024

Content: The Global Finals will include presentation and judge Q&A

sessions, all arranged by the competition organizing committee.

5.7 Award Ceremony

Date: Afternoon of May 19, 2024

Content: The Award Ceremony will be held at China University of Petroleum (Beijing).

6. Contact information

Correspondence address : Room 109, China Petroleum Building,
China University of Petroleum, No. 18 Fuxue Road,
Changping District, Beijing

Postal Code: 102249

Contact person: Wang Wei

Contact number: 010-89732195

Competition E-mail: FPEF2024@163.com

Competition official website: cpedc.cup.edu.cn

WeChat public platform: cpedc2010

Official Weibo: <http://weibo.com/npedc>

Notes: The final interpretation right of this implementation plan
belongs to the competition organizing committee.

China Petroleum Engineering Design

Competition Organizing Committee

March 12, 2024