

2023 SPWLA Southwest China Chapter Annual Meeting



Dear Professionals and Scientists:

SPWLA (Society of Petrophysicists and Well Log Analysts), founded in 1959 and headquartered in Houston, U.S.A., is a non-profit academic organization dedicated to research in the fields of geophysical logging, petrophysics, and stratigraphic evaluation, and provides services in the fields of oil, gas, and mineral deposit. It is a non-profit academic organization dedicated to research in the fields of geophysical logging, petrophysics and stratigraphic evaluation for oil, gas and mineral deposits. Currently, SPWLA has 39 chapters, 18 student chapters, 8 special interest groups, and one major category organization worldwide, with members from more than 60 countries and regions around the world.

The International Society of Petrophysical Physicists and Logging Analysts-Southwest China Chapter (SPWLA-SWCHINA CHAPTER) is the academic branch of SPWLA in Southwest China, which is a non-profit academic organization founded by faculty members and students from University of Electronic Science and Technology (UEST), Southwest University of Petroleum (SWUP), and Chengdu University of Science and Technology (CUPT) who applied for the founding of the Society on May 2019, with its headquarters located in Chengdu, China. The association has an executive board and an academic steering committee, and its members include current researchers and students, as well as industry experts from industries in Southwest China. The

association aims to strengthen the application of new theories, methods and technologies in the fields of petrophysics, wellbore geophysics and reservoir engineering, and to promote the green and economic development and utilization of underground resources through reservoir petrophysics, well logging and other stratigraphic evaluation techniques. The association is committed to the development of related disciplines in reservoir petrophysics and formation evaluation, especially to promote the development and application of advanced electronic information means and artificial intelligence technology in petrophysics and reservoir evaluation. Every year, the association organizes and hosts various domestic and international academic activities to promote the exchange of domestic and international industries, and is an important platform for the exchange of scholars, technicians and students related to petrophysics, logging and analysis, and reservoir evaluation and development in Southwest China.

In order to further promote and facilitate the development of digital core, unconventional physics experiments, surface and downhole instrumentation research and development, seismic petrophysics and well seismic joint detection and other related technologies, SPWLA-SWCHINA CHAPTER and a number of universities in China jointly initiated the convening of this annual conference, and we sincerely invite leaders, scholars, and experts to come to participate in the conference to lead the conference, to share the results of their scientific research, and to exchange the latest research progress in the field, so as to provide solutions to the challenges faced by the field of geophysical exploration and engineering and other fields.

The specifics of the meeting are notified below:

I. Theme of the Conference

To promote the application of rock physics in oil and gas, engineering and geology related fields.

II. Main contents of the conference

1. New theories, methods and technologies in digital rock physics;
2. Unconventional petrophysical experiments and simulation techniques;
3. Application of petrophysics in CCUS, gas hydrate and geothermal energy development;
4. Artificial intelligence and petrophysics;
5. Seismic petrophysics and well seismic joint detection technology;
6. New downhole and surface instruments and methods;

7. Production logging of complex oil and gas reservoirs and dynamic evaluation of oil and gas reservoir production.

III. Arrangement of the Conference

1. Venue: Virtual Simulation Experimental Teaching Center for Geological Resources Exploration, Chaoyang Campus, Jilin University, Changchun City, Jilin Province, China.

2. Time: January 13-14, 2024

IV. Call for Abstracts

We are currently accepting abstracts for oral sessions. Please submit your abstract by December 20, 2023, with no more than 2 pages and 3-5 keywords. Abstracts should be sent to the conference e-mail address (guoyuhang@jlu.edu.cn). Feedback on acceptance results will be provided approximately one week after submission.

V. Registration

There is no registration fee for experts and students.

VI. Contact Information

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Host:

Southwest China Chapter, SPWLA

Organizer:

College of Geo-exploration Science and Technology, Jilin University

Co-organizer:

School of Resources and Environment, University of Electronic
Science and Technology of China

Harbin Institute of Technology

Yangtze University

Northeast Petroleum University

China University of Petroleum, Beijing

State Key Laboratory of Oil and Gas Reservoir Geology and
Exploitation

School of Geoscience and Technology , Southwest Petroleum
University

School of Geophysics, Chengdu University of Technology

School of Petroleum Engineering, Chongqing University of Science
and Technology

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