The 11th UPC International Symposium on New Well Logging Techniques

-- Petrophysics and Logging Big Data

(First announcement)

With the great help and support from our colleagues in well logging, UPC International Symposium on New Well Logging Techniques has been successfully held for 10 years, contributing significantly to the academic exchange and technical progress in well logging. In 2018, the establishment of the Borehole Geophysics Committee of Chinese Geophysical Society provides a new communication platform for well-logging colleagues at home and abroad. The UPC International Symposium on new well logging techniques will continue in the future to focus on one particular topic each year to be held in late September in Qingdao, and organized by China University of Petroleum (East China) and co- organized by the Petroleum Well Logging Commission, the borehole geophysics committee of Chinese Geophysical Society, and ECC-SPWLA.

The topic for the 2019 symposium is 'P*etrophysics and Logging Big Data*' that has been increasingly concerned and emphasized in recent years. With more thorough exploration and development, deep and ultra-deep and unconventional oil reservoirs have been found in abundance. The high temperature and high pressure (HTHP) and heterogeneity characteristics associated with these reservoirs result in the rising difficulties in logging interpretation and evaluation. Petrophysics, as an important means, is of great help to solve these challenges, and has been increasingly concerned from Log-analysts and Geologists in recent years. On the other hand, Artificial Intelligence (AI) and Big Data driven by Internet plus have been widely applied to various research areas and the processing and application of logging big data based information is becoming popular.

To summarize experience, promote consensus and improve communication and collaboration, this symposium, focusing on the petrophysics and big data development and application in well logging, but also covering new techniques in other logging methods, will invite well-known experts from China and abroad to give special talks and corresponding discussions which are hopefully expected to provide an opportunity for the technical personnel in the related areas to learn the new development across the globe, to promote communication and collaboration in the well logging evaluation field and to improve the development in the nation's well logging techniques.

1. Symposium theme

Petrophysics and Logging Big Data

2. Symposium content

1) Advances on petrophysical experiment technology;
2) Physical and Numerical modeling of reservoir petrophysics;
3) Petrophysics application in reservoir evaluation;
4) Petrophysical equipments and specifications;
5) Well logging big data and AI;
6) Other Logging technologies and applications.

3. Symposium arrangement

1) Location: China University of Petroleum (East China), Qingdao, China;
2) Symposium date: 16th to 19th of September, 2019;

4. Symposium papers

1) Submission deadline for abstracts: 31st of May 2019
Submission deadline for full papers: 31st of July, 2019
2) Paper format
The full papers should not have been formally published in any journals and are required to contain 300-400 words abstracts in both Chinese and English and 3-5 key words. The abstracts should also be accompanied by a brief introduction of the corresponding author with information including age, gender, education, professional title, affiliation, address, email and mobile phone number.
3) Excellent papers will be recommended for publication in *Well Logging Technology*.
4) Attendee should prepare for relevant materials to communicate with the audience.

5. Registration and accommodation

Conference registration information will be released in the second announcement (Scheduled time: April, 2018)

6. Contact information

Co-chairs: Prof. Yiren Fan, zhfxy_cn@upc.edu.cn

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Organizer: The East China Chapter of SPWLA

Co-organizers:

China University of Petroleum (East China)

Borehole Geophysics Committee of Chinese Geophysical Society

Petroleum Well Logging Committee of Chinese Petroleum Society

6th of December, 2018