

**Digital Rock, Pore Structure and Dynamics: Physics, Methods and AI
(2019 SPWLA Spring Beijing Workshop)**

April 29-30, 2019 - Beijing, China

Theme

The workshop will focus on the understanding of pore structures and associated dynamics of both solid and fluid phases, including new physics and methods such as AI-inspired analysis. We are interested in the use of digital techniques, such as imaging, machine learning, and big data analysis to gain insights and new applications. New development in theory, experiments and applications will be included. Our goal is to bring academia and industrial scientists of diverse disciplines together on these novel topics.

Program: including keynote, invited talks, social mixer, sound-bytes

April 28: Registration

April 29-30: Scientific program

Venue: China University of Petroleum-Beijing, 18 Fuxue Road, Changping, Beijing, China

Confirmed keynote speakers

Dirk Smit (Shell), David Weitz (Harvard U), Carlos Torres-Verdin (UT-Austin)

For those interested in oral presentations, please send a 1-page abstract to liaoguangzhi@cup.edu.cn or gzhiao@hotmail.com ASAP, before April 10, 2019.

Link to conference website <http://www.cup.edu.cn/cgi/>

Registration fees:

Regular: USD \$300, student fee: USD \$150 (Students can apply a part of financial support from our sponsors)

**For information and invitation letter for Chinese visa application,
contact liaoguangzhi@cup.edu.cn**

Organizers: SPWLA, SPWLA CUPB Chapter, China University of Petroleum-Beijing, Harvard University, Schlumberger-Doll Research

Chairs: Lizhi Xiao (CUPB), Dave Weitz (Harvard Univ.) and Yiqiao Song (SDR).

Organizing committee:

Christoph Arns (UNSW), Carlos Torres-Verdin (UT), Thomas Halsey (Exxon), Shima Parsa (HU), Thomas Cochard (HU), Jianchao Cai (CUG), Hu Dong (iRock), Feng Deng (RIPED), Yujun Feng (Sichuan U), Falong Hu (RIPED), Xueli Hou (CNPC logging), Ding Jin (CNPC), Xin Li (CNPC Logging), Xin Li (SRIPE), Huabing Liu (Lim-echo), Guangzhi Liao (CUPB), Weining Ni (SRIPE),

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