



河海大学
HOHAI UNIVERSITY



中国石油大学 (华东)
CHINA UNIVERSITY OF PETROLEUM



NANJING, CHINA

WORKSHOP: 2-4 NOVEMBER 2018

ROCK PHYSICS AND GEOFLUID DETECTION WORKSHOP
岩石物理与地下流体检测国际研讨会

岩石物理学是联系地下岩石的矿物、孔隙、裂隙、结构、流体等性质与岩石表面测得的地质、地球物理信息之间的重要桥梁。岩石物理学的理论、实验及方法技术研究，将支撑精细化、量化地下结构、流体检测技术的迅速发展，从而有效服务于地质资源与地质工程领域资源、环境、矿产、油气、地下水、灾害、工程等多个方面的综合研究与应用实践。

本次国际研讨会由河海大学及中国石油大学（华东）、SEG China 联合主办，将紧密围绕“环境、资源地球物理勘查及地下流体检测理论、方法与技术应用”这一国家重大需求和学科发展的前沿问题，邀请国际、国内资深学者就岩石物理理论及实验、地层参数精细反演、地下流体检测方法、工程应用实例及示范等议题开展广泛的讨论与深入的学术交流。

研讨会依托高等学校学科创新引智计划，将积极扩大相关领域的国际交流与合作，促进提高国内相关学科方向的科研水平，并进一步发挥高校功能，加强学科基地与优势资源整合及建设，凝练关键性科学问题，促进产、学、研联合发展及不同学科方向之间交叉与融合，从而通过国际合作实现优势互补，以期逐步寻求途径，解决基础理论方法、共性前瞻技术层面的关键难题。

本次会议所有报告均为特邀报告，会议语言为英文和中文。

组 委 会:

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会议日期:

2018年11月2-4日

(2018年11月2日报到, 现场注册)

会议地点:

江苏省南京市江宁区秣陵街道双龙大道
1688号南京金鹰尚美酒店

主办单位: 河海大学 中国石油大学 (华东) SEG China

协办单位: 中国水利学会地下水科学与工程专业委员会

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Rock physics is the discipline that describes rocks by physical properties such as porosity, mineralogy, fracturing, texture, fluid type, etc., and provides a connection to measured geological and geophysical information. Rock-physics theories, experiments and methods support the rapid development of detailed and quantitative detection methods of underground formations and geofluids. They also promote integrated researches and applications in geological resources and geological engineering fields, regarding the resource, environment, mining, hydrocarbons, ground water, natural hazards and engineering.

This international workshop is jointly hosted by Hohai University, China University of Petroleum (East China) and SEG China, and closely focuses on the subject of “Theories, methods, techniques and applications in environmental and resource geophysical survey and geofluid detection”, which is a frontier problem with significant national needs and subject developments. Distinguished Chinese and international experts are invited to communicate broadly and discuss on rock physics theories and experiments, high-precision inversion of strata parameters, geofluid detection techniques and engineering application case studies.

The workshop, supported by the “111 Project” of China, aims to promote international communications and cooperations in the relevant areas, and improve scientific research abilities of the related subjects in China. It will further take advantage of college/university facilities, strengthen integrations and developments of subject bases and advantageous resources, summarize key scientific problems, promote joint developments with industries, researches and academia, and improve the crosses and synergies between different subjects. Complementary advantages will be achieved by global collaborations. We expect to gradually establish pathways to solve the pivotal problems in the basic aspects of fundamental theories and methods, and common prospective technologies from different areas.

ORGANIZING COMMITTEE:

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J. Zhou Y. R. Zhao

DATE:

2-4 November 2018
(On-site registration in 2nd)

VENUE:

G.E. Summit Hotel Nanjing, No.1688
Shuanglong Avenue Jiangning District,
Nanjing

ORGANIZER: Hohai University China University of Petroleum (East China) SEG-China
Committee of Groundwater Science and Engineering, Chinese Hydraulic Engineering Society

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