

2nd International Workshop on Unconventional THMC Processes

2014 年 11 月 25-26 日，武汉

2014 年初举办的首次非常规 THMC 多场耦合研讨会为国内外学者提供了一个自由交流的平台，取得了很好的效果。在各位同仁的共同努力下，第二届非常规 THMC 多场耦合研讨会将于 2014 年 11 月 25-26 日在湖北省武汉市君宜王朝大饭店举办。会议旨在促进页岩油气开采相关学科之间的交流与合作，通过理论创新和多学科合作解决中国页岩气开采的困境。

会议目的： Successful extraction of shale gas and coal seam gas must be addressed by integrating mechanical, hydrodynamical, thermal, and chemical processes from pore to field scales. This integration requires comprehensive collaborations across many disciplines, including geoscience, rock mechanics, multi-phase flow, engineering chemistry and thermodynamics, among others. Therefore, the overall theme of the conference will be “Unlocking Shale Gas through Innovation and Integration” to focus on scientific breakthroughs in all of these disciplinary areas.

会议形式： The objective of the conference is to provide a platform for international researchers and practitioners across the whole range of disciplines to examine pressing issues, exchange ideas, develop innovative solutions and explore emerging technologies in key technical areas of shale and coal seam gas extraction. The objective of this conference will be achieved through a series of keynote lectures and active discussions. Keynote lectures will be given by a combination of world leading scientists and world-renowned specialists in different disciplines of shale and coal seam gas engineering.

会议初步日程：

11 月 24 日 18: 00~21: 00 大会招待会 (Reception Banquet)

11 月 25 日 08: 50~09: 00 开幕式

09: 00~10: 00 The Role of Rock Mechanics in the Extraction of Unconventional Gases
Xia-Ting Feng (Chinese Academy of Sciences)

10: 00~11: 00 UNCONG: A Next Generation of Simulator for Unconventional Oil/Gas
Recovery

Dongxiao Zhang (Beijing University)

11: 00~12: 00 Shale Gas Development

Liehui Zhang (China South West Petroleum University)

12:00~14:00 Lunch Break

- 14: 00~15: 00 Geologic Features of Organic-rich Shale and Productive Issues of Shale-Gas in China
Yiwen Ju (University of Chinese Academy of Sciences)
- 15: 00~16: 00 Experimental Studies of Shale Gas Extraction
Derek Elsworth (Penn State University)
- 16: 00~17: 00 Reservoir Simulation of Coalbed Methane and Shale Gas Production
Zhejun Pan (CSIRO)
- 17: 00~18: 00 Spatial and temporal multi-scale behaviors in unconventional gas extraction
Jianguo Wang (China University of Mining and Technology)
- 18: 00~21: 00 Banquet Night

11 月 26 日

- 09: 00~10: 00 Scientific Issues related to Steep Production Decline and Low Recovery of Shale Hydrocarbon
Max Hu (The University of Texas at Arlington)
- 10: 00~11: 00 Micro/nanoscale Fluid Mechanics in Porous Media for Unconventional Gas Extraction
Moran Wang (Tsinghua University)
- 11: 00~12: 00 Why Shale Matrix Properties Matter?
Jishan Liu (UWA/Chinese Academy of Sciences)

12:00~14:00 Lunch Break

- 14: 00~15: 00 Permeability evaluation under different pressures by multi-phase computational fluid dynamics
Shouchun Deng (Chinese Academy of Sciences)
- 15: 00~16: 00 Hydraulic Fracturing Modeling based on the Large Shale Sample Experiment
Zhuo Zhuang (Tsinghua University)
- 16: 00~17: 00 Fracking Dynamics Modeling – Damage Mechanics Approach
Wancheng Zhu (China Northeast University)
- 17: 00~18: 00 Co-Extraction of Coal and Gas – Theory and Practices
Fubao Zhou (China University of Mining and Technology)

会议回执

专家姓名		性别		职称/职务	
所在单位					
联系方式	手机:		Email:		
同行人员	姓名	电话联系方式			
宴会参加人员统计	宴会时间	出席人数			
	24 日晚宴	____人			
	25 日中午	____人			
	25 日晚宴	____人			
	26 日中午	____人			
	26 日晚宴	____人			
其它： （参会专家如有其它需求请在此说明）					

备注：

注册费：950 元/人，包括招待会、宴会、中餐和晚宴。

住 宿：住宿费用自理，预订君宜王朝大饭店房间享受协议价。

君宜王朝大饭店位于武汉市珞瑜路 87 号，会议协议价为：豪华双床房 458 元/间/天（含 2 份中西自助早餐）；豪华大床房 408 元/间/天（含 1 份中西自助早餐）。预订网站 <http://www.junyidynasty.com>，预订电话 027-87687777。

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请于 2014 年 11 月 1 日前将回执发邮件至会议联系人
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