CHINA SHALE GAS 2015

CSG 2015

A Platform for Unlocking Shale Gas from around the World

6 - 8 September 2015

Wuhan, China

Organized by

Institute of Rock and Soil Mechanics

CENTRAL THEME

Successful extraction of shale 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.

OBJECTIVE AND SCOPE

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. This is the key to replicating the success of the US shale gas revolution both in China and in other parts of the world.

MAJOR TECHNICAL TRACKS

（1） Geoscience Aspects of Shale Gas and Coal Seam Gas Resource
（2） Geomechanics Aspects of Shale Gas and Coal Seam Gas Extraction
（3） Hydraulic Fracturing Mechanics of Gas Shale or Coal
（4） Multi-Phase Flow Mechanics in Shale or Coal
（5） Characterizations of Shale and Coal
（6） Transport Properties of Shale and Coal
（7） Multi-Scale Studies and Their Integration
（8） Multi-Physics Studies and Their Integration
（9） China Shale Gas Challenges and Experiences
（10） China Coal Seam Gas Challenges and Experiences
（11） China Shale Gas Industrial Perspectives
（12） China Coal Seam Gas Industrial Perspectives
（13） Water Issue
（14） Induced Earthquake

KEYNOTE LECTURERS

Bernhard Krooss, Institute of Geology and Geochemistry of Petroleum and Coal, RWTH Aachen University, Germany
Derek Elsworth, Penn State University
Jishan Liu, The University of Western Australia/Chinese Academy of Sciences
Xiating Feng, ISRM President/Chinese Academy of Sciences
Liang Yuan, National Engineering Research Center for Coal Mine Gas Control
Sidney Green, Schlumberger & Univ. of Utah USA
Serge A. Shapiro, Freie Universitaet Berlin, Germany
Dongxiao Zhang, Beijing University
Yang Li,SINOPEC &Academician of the Chinese Academy of Science

ORGANIZATION

The conference will be supervised by the ISRM commission on coupled processes in geological systems. Its current members include:

Prof Derek Elsworth	Dr Lanru Jing	Prof Klaus Regenauer-Lieb
Prof Maurice Dusseault	Prof Wancheng Zhu	Prof Fusao Oka
Prof Jian Fu Shao	Prof Hide Yasuhara	Dr Xiaoying Zhuang
Prof Xia-Ting Feng	Dr David Beck	

SPONSORS

1. International Society of Rock Mechanics
2. Chinese Society of Rock Mechanics and Engineering
3. Computational Mechanics Committee, Chinese Society of Mechanics
4. Institute of Rock and Soil Mechanics, Chinese Academy of Sciences
5. China University of Mining and Technology
6. Tsinghua University
7. University of Chinese Academy of Sciences
8. China University of Petroleum (Huadong)
9. China Northeast University
10. China United Coalbed Methane Corporation, Ltd.
11. Wuhan Special Pump Factory CO., Ltd
12. Ningxia Coal Exploration Engineering CO., Ltd
13. Nantong Feiyu Oil & Gas Science & Technology Development CO., Ltd
14. Engineering and Technology CO., Energy and Services Limited, China National Offshore Oil Corporation
15. China National Science Foundation (to apply)
16. Chinese Academy of Science (to apply)
17. China Ministry of Science and Technology (to apply)
18. The University of Western Australia
19. Penn State University

CONFERENCE CHAIRS

Jishan Liu/The University of Western Australia
Xiating Feng/ Chinese Academy of Science
Derek Elsworth/ Penn State University
Fubao Zhou/China University of Mining and Technology

FORMAT

The objective of this conference will be achieved through a combination of 10 keynote lectures, 150 presentations, 200 posters, and post-conference technical tours. 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.


Cherry Blossom in WHU


Yellow Crane Tower

LOCAL ORGANIZING COMMITTEE

Chairs: Haibo Li, Chinese Academy of Sciences
Jishan Liu, UWA/Chinese Academy of Sciences
Members: Yiwen Ju, University of Chinese Academy of Sciences
Zhuo Zhuang, Tsinghua University
Shuangfang Lu, China University of Petroleum
Wancheng Zhu, China Northeast University
Xiating Feng/ Chinese Academy of Science
Fubao Zhou/China University of Mining and Technology

TECHNICAL COMMITTEE

Chairs: Zhuo Zhuang, Tsinghua University
Yiwen Ju, Chinese Academy of Sciences
Members: Jiang-Guang Wu, China United Coal Methane Corporation
Jian-Ping Ye, China United Coal Methane Corporation
Li-Ping Yang, Engineering and Technology Co., Energy Technology & Services Limited, CNOOC

TENTATIVE PROGRAM

	6 (Sun)	7 (Mon)	8 (Tue)
Morming	Registration	Opening Ceremony Keynote Lecture	Keynote Lecture
Afternoon	Registration	Keynote Lecture Technical Sessions	Keynote Lecture Technical Sessions
Evening	Welcome Reception	Dinner	Dinner

IMPORTANT DATES

~~Abstract Submission Deadline: 30 March 2015~~
~~Notification of Abstract Acceptance: 30 April 2015~~
Full Paper Submission Deadline: 20 July 2015
Notification of Full Paper Acceptance: 20 August 2015

SECTERARIES

Dr Mingyao Wei/Institute of Rock and Soil Mechanics, Chinese Academy of Sciences
Tong-Qiang Xia, China University of Mining and Technology
Guang Lei Cui, Chinese Academy of Sciences
Yu-Ling Tan, Chinese Academy of Sciences
Chen Wang, China University of Mining and Technology

Venue

Symposium Hall: Wuhan EastLake Hotel
The Eastlake Hotel is located near Shahu, close to the Yellow Crane Tower. It is about five kilometers from the railway station and 10 kilometers from the Wuhan Harbour.

Wuhan - Modern and Beautiful City

Wuhan is the capital of Hubei province, People's Republic of China, and is the most populous city in Central China. It lies in the eastern Jianghan Plain at the intersection of the middle reaches of the Yangtze and Han rivers. Arising out of the conglomeration of three cities, Wuchang, Hankou, and Hanyang, Wuhan is known as "the nine provinces' leading thoroughfare"; it is a major transportation hub, with dozens of railways, roads and expressways passing through the city. Because of its key role in domestic transportation, Wuhan was sometimes referred to as the "Chicago of China." Holding sub-provincial status, Wuhan is recognized as the political, economic, financial, cultural, educational and transportation center of central China.

Wuhan's climate is humid subtropical with abundant rainfall and four distinctive seasons. Average temperature is 65 °F, and monthly precipitation is 3.1 inches in September.

CONTACT INFORMATION

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URL:http://www.CSG2015.org