



2015 绿色开采理论与实践国际研讨会
8th International Symposium on Green Mining

主题: 绿色开采与生态矿山
Main Theme: Green Mining and Ecological Mine

会议手册
Program & Information

2015 年 4 月 26 -28 日
26-28 April, 2015

中国 徐州
Xuzhou, China

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主办单位：中国矿业大学

HOST : China University of Mining and Technology

承办单位：

ORGANIZERS:

煤炭资源与安全开采国家重点实验室

State Key Laboratory of Coal Resources and Safe Mining

中国矿业大学矿业工程学院

School of Mines,CUMT

中国矿业大学安全工程学院

School of Safety Engineering,CUMT

深部煤炭资源开采教育部重点实验室

Key Laboratory of Deep Coal Resources Mining(CUMT), Ministry of Education

澳大利亚卧龙岗大学

The University of Wollongong, Australia

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● **会议注册(Registration)**

4月26日

徐州开元迎宾馆

New Century Grand Hotel Xuzhou

● **会议地点(The venue)**

4月27日上午/ the morning of 27th Apr.

徐州开元迎宾馆

New Century Grand Hotel Xuzhou

4月27日下午/the afternoon of 27th Apr. & 4月28日/28th Apr.

中国矿业大学(南湖校区)图书馆报告厅

Library Lecture Hall of CUMT (Nanhu Campus)

● **会议时间表 (The schedule)**

日期(Date)	时间(Time)	活动内容(Main Activities)
4月26日/26 th Apr.	9:00~22:00	会议注册/Registration of Symposium
4月27日/27 th Apr.	14:00~16:00	学术报告/ Speeches
	16:00~16:20	茶息与合影/Tea Break & Group Photo
	16:20~18:20	学术报告/ Speeches
	18:30~20:30	欢迎晚宴>Welcome Dinner
4月28日/28 th Apr.	7:00~8:00	早餐/Breakfast
	8:30~10:10	学术报告/ Speeches
	10:10~10:20	茶息/Tea Break
	10:20~12:00	学术报告/ Speeches
	12:30~13:30	午餐/Lunch
	13:30~15:10	学术报告/ Speeches
	15:10~15:20	茶息/Tea Break
	15:20~17:00	学术报告/ Speeches
	17:00~17:30	闭幕式/Closing Ceremony
18:30~20:30	晚宴/ Dinner	

Agenda of Symposium

Time	Main Activities
27 th Apr. 14:00~16:00	<p>Chairman: Member of CAE, Zhang Yuzhuo, Prof. Jozef Dubinski</p>
14:00~16:00 (20min/person)	<ol style="list-style-type: none"> 1. Challenge and strategy of ecology-protective mining in northwest of China Prof. Zhang Dongsheng, China University of Mining and Technology 2. Modern measurement methods to determine mining influenced ground movements Prof. W. Stelling, University of Applied Sciences, Bochum, Germany 3. Computer simulation of explosion rated ventilation seals for coal mines Prof. Alex Remennikov, The University of Wollongong, Australia 4. BBR study of loose top-coal drawing law in longwall top-coal caving mining technique Prof. Wang Jiacheng, China University of Mining and Technology(Beijing) 5. Mechanism and predicting method of variational weighting induced by rupture instability of hard roofs Prof. Liu Changyou, China University of Mining and Technology 6. Education for Mining Technology in Vietnam, a view from a developing country Prof. Bui Xuan Nam, Hanoi University of Mining and Geology, Vietnam
16:00~16:20	Tea Break & Group Photo
16:20~18:20	<p>Chairman: Prof. Wang Jiacheng, Prof. Alex Remennikov</p>
16:20~18:20 (20min/person)	<ol style="list-style-type: none"> 1. Forecasting rock burst by using seismological computed tomography in coal mines Prof. Dou Linming, China University of Mining and Technology 2. Constructive interference of seismic vibrations generated by blasting – practical approach Prof. Józef Kabiesz, Główny Instytut Górnictwa, Katowice, Poland 3. Visualization methods for the interior discontinuous structures and stress fields of deep coal rock strata Prof. Ju Yang, China University of Mining and Technology(Beijing) 4. The effect on properties of ACSW-SGC new simulation material Prof. Li Shugang, Xi'an University of Science and Technology 5. Patterns and security technologies for co-extraction of coal and gas without the entry pillar in deep mines Prof. Zhang Nong, China University of Mining and Technology 6. Theory and technology of green mining in open pit mines Prof. Cai Qingxiang, China University of Mining and Technology
18:30~20:30	Welcome Dinner

Time	Main Activities
28 th Apr. 8:30~10:10	Chairman: Prof. Liang Weiguo, Prof. W. Stelling
8:30~10:10 (20min/person)	<ol style="list-style-type: none"> <li data-bbox="400 358 1455 477">1. Study on the approaches of increasing coal mine paste backfilling efficiency and decreasing its cost Prof. Zhou Huaqiang, China University of Mining and Technology <li data-bbox="400 481 1455 600">2. Modern machines and equipments for underground mining developed in Department of Mining, Dressing and Transport Machines Prof.Krzysztof Krauze, AGH University of Science and Technology in Cracov,Poland <li data-bbox="400 604 1455 723">3. Initiation and extension of fractures and mechanism of permeability enhancement by hydraulic fracturing in underground coal mines Prof. Lu Yiyu,Chongqing University <li data-bbox="400 728 1455 846">4. Towards a successful transfer of a culture of prevention in coal mining from Germany to China Prof.D. Sohn,University of Applied Sciences, Bochum, Germany <li data-bbox="400 851 1455 1028">5. Adaptive theory of gob-side retaining and its applications Prof. Tan Yunliang, Shangdong University of Science and Technology
10:10~10:20	Tea Break
10:20~12:00	Chairman: Prof. Li Shugang, A-Prof. Eugene Morgan
10:20~12:00 (20min/person)	<ol style="list-style-type: none"> <li data-bbox="400 1220 1455 1339">1. Innovations of land reclamation and ecological restoration in coal mining areas in China Prof. Hu Zhenqi, China University of Mining and Technology(Beijing) <li data-bbox="400 1344 1455 1462">2. Longwall mining system for thin coal seams Dr.Lukasz Boloż, AGH University of Science and Technology in Cracov,Poland <li data-bbox="400 1467 1455 1585">3. Theoretical study and Application of In-situ Modification of Rock Properties for Improved Mining (IMRPIM) Prof. Liang Weiguo,Taiyuan University of Technology <li data-bbox="400 1590 1455 1709">4. Sustainable development of THAR Coal, Pakistan Prof. Abdul Ghani Pathan, Mehran University of Engineering and Technology (MUET), Pakistan <li data-bbox="400 1713 1455 2007">5. Rib Spalling Mechanism and Control with Fully Mechanized Longwall Mining in Large Inclination “three soft” Thick Coal Seam under Closed Distance Mined Gob Prof. Hua Xinzhu, Anhui University Of Science & Technology
12:00~13:30	Launch

Time	Main Activities
28 th Apr. 13:30~15:10	Chairman: Prof. Zhang Nong , Prof. Abdul Ghani Pathan
13:30~15:10 (20min/person)	<ol style="list-style-type: none"> 1. Theory and complete technology of hydraulic fracturing for controlling hard roof of coal seams Prof. Huang Bingxiang, China University of Mining and Technology 2. Identifying Seismic Precursors to Mine Outburst A-Prof. Eugene Morgan, Pennsylvania state university 3. Pernicious development Process and control technology of Plastic Zone of deep large deformation roadway Prof. Wang Weijun, Hunan University of Science and Technology 4. Thinking of rock burst of the large inclined and thick coal seam mining in xinjiang Prof. GaoMingshi, Xinjiang University 5. Progress in Co-extraction Theory & Technology of Coal and CBM based on Ground Movement A-Prof. Hu Guozhong, China University of Mining and Technology
15:10~15:20	Tea Break
15:20~17:00	Chairman: Prof. Tan Yunliang, Prof. Józef Kabiesz
15:20~17:00 (20min/person)	<ol style="list-style-type: none"> 1. The ecological mining theory and technology of Underground Coal Gasification(UCG) Prof. Wang Zuotang, China University of Mining and Technology 2. Study on overlying strata movement law of backfill mining face in deep thick coal seams Prof. Liu Changwu, Sichuan University 3. Deformation and controlling of surrounding rock of gob-side entry retaining during the second mining stage Prof. Li Sheng, Liaoning Technical University 4. Control and prediction technology for large area roof caving in shallow depth seams Dr. Wei Like, China Coal Research Institute 5. Study of coal sorption characteristics and gas drainage in hard-to-drain seams A-Prof. Zhang Lei, China University of Mining and Technology
17:00~17:30	Closing Ceremony
18:30~20:30	Dinner