

# 2014 Clean Energy Workshop & Exchange

September 15 – 16, 2014

2014年9月15-16日

(Sunday, September 14, 2014) Registration & Welcome

**All Day Registration and Reception**

全天 参会嘉宾报到

**Lobby of Building 9, Jinci Hotel**

晋祠宾馆9号楼大厅

**TBD Shanxi provincial leaders greet U.S. honorable guests**

山西省领导会见国内外重要客人

**19:00 – 20:00 Welcome Dinner of Shanxi Government**

山西省政府招待会

*Banquet Hall, First Floor of Building 9, Jinci Hotel*

晋祠宾馆九号楼一层宴会厅

(Monday, Sept. 15, 2014) Formal Meeting and Presentations

正式会议和演讲

*International Conference Center, Jinci Hotel*

晋祠宾馆国际会议中心

**8:00 – 9:00 Registration**

会议报到

**Lobby of International Conference Center, Jinci Hotel**

晋祠宾馆国际会议中心大厅

**9:00 – 10:10 Opening Keynote Session 大会开幕式**

*Moderators: Deputy Director Li Haofeng, Department of Coal/NEA*

*中国国家能源局煤炭司副巡视员李豪峰主持*

**9:00 Welcome and Introduction of Keynote Speakers by Deputy Director Li Haofeng, Department of Coal, NEA**

中国国家能源局煤炭司副巡视员李豪峰欢迎致词

**9:05 Welcome Speech of Gao Jianmin, Deputy Governor of Shanxi Provincial Government**

山西省常务副省长高建民致欢迎词并讲话

- 9:15** **Speech of Deputy Minister Zhang Yuqing, National Energy Administration**  
国家能源局副局长张玉清讲话（待定）
- 9:25** **Speech of Julio Friedmann, Deputy Assistant Secretary for Fossil Energy, DOE**  
美国能源部副部长助理弗莱德曼讲话
- 9:35** **Shenhua Clean Energy Strategy, Yuzhuo Zhang, Chairman of Shenhua Group**  
神华集团董事长张玉卓讲话，神华清洁能源战略
- 9:45** **Status and Prospects for Clean Energy, Karl Moor, Senior Vice President and Chief Environmental Counsel, Southern Company**  
美国南方电力集团高级副总裁讲话，清洁能源现状和发展方向

**9:55 – 10:10** **Tea Break**  
集体合影和茶歇

*Lobby of International Conference Center, Jinci Hotel*  
*晋祠宾馆国际会议中心大厅*

**10:10 – 12:20 Session 1: CCUS and Pollution Control**

专题报告1: CCUS和污染控制

**Moderator: Richard Bajura, Director of NRCCE, West Virginia University**

主持人：美方西弗吉尼亚州大学国家煤炭及能源研究中心主任理查德-巴竹拉

10:10德州清洁能源项目(TCEP)介绍，顶峰电力公司总裁，艾瑞克.瑞德曼

The Texas Clean Energy Project (TCEP): A Poly-generation Coal Gasification Plant, Summit Power Group, LLC, President & CEO, Eric Redman,

10:30延长石油集团油煤气联合化工及CCUS一体化示范，陕西延长石油（集团）有限责任公司副总裁，王香增

The Oil-Coal-Gas Integrated Chemical Industry and CCUS Demonstration Project of Yanchang Petroleum Group, Vice President of Shaanxi Yanchang Petroleum (Group) Co., Ltd., Xiangzeng Wang

10:50储层压力管理，美国利弗莫尔劳伦斯利物莫国家实验室高级科学家，弗里德里克.瑞尔森

Reservoir Pressure Management, Lawrence Livermore National Laboratory, Senior Scientist F.J. Ryerson

11:10中国石油吉林油田CCS-EOR实践，中石油吉林油田公司，张德平

CCS-EOR Application in Jilin Oil Field Company of PetroChina,, PetroChina Jilin Oilfield Company, Deping Zhang

11:30山西省的地质利用与封存潜力与发展策略，中国科学院武汉岩土力学研究所，李小春

Shanxi's Potentials and Strategies of CO2 Geological Utilization and Storage (CGUS), Institute of Rock and Soil Mechanics,, CAS, Xiaochun Li

11:50电厂污染控制先进技术，中美清洁能源研究中心洁净煤联盟主任，詹姆士.伍德

Advanced Pollution Control in Power Generation Plants, Director US-China Clean Energy Research Center, Advanced Coal Technology Consortium, Jim Wood

**12:20 - 13:30** **Lunch 午餐**

*Banquet Hall, First Floor of Building 9, Jinci Hotel*

晋祠宾馆九号楼一层宴会厅

13:30 – 16:10 Session 2: Coal Conversion Development & Challenges

专题报告2：煤炭转化技术的发展和挑战

**Moderator: Mr. Wei Rusheng, Chief Economist of Shanxi Provincial Development and Reform Commission**

主持人：山西省发展和改革委员会总经济师魏茹生

13:30 中国煤炭深加工发展，国家能源局能源节约和科技装备司，翟广伟

Development of Coal Deep Processing In China, Energy Conservation and Technology & Equipment Department National Energy Administration, Guangwei Zhai

13:50 中国煤制油项目和高级合成技术进展，中国中科合成油公司总经理，李永旺

Coal to Clear Fuels (Practices and Perspectives), Synfuels China LTD.Co. National Research Center for Clean Fuels from Coal(NDRC) SKLLC/Chinese Academy of Science, Yongwang Li

14:10 立足三高劣质煤净化利用、大力推进煤制油规模化发展，晋城煤业集团董事长，贺天才

Based on the Cleaning Utilization of Three-high Inferior Coal、 Vigorously Promote the Large-scale Development of Coal Oil, Chairman of Jincheng Coal Mining Group, He Tiancai

14:30 塞拉尼斯TCX乙醇技术——一项可行的交通燃料替代方案，塞拉尼斯公司商业发展副总裁，詹姆士-乔纳斯

Celanese TCX® Ethanol Technology—A Viable Alternative Transportation Fuel Opportunity, Vice President of Business and Commercial Development, James T. Jones

14:50 中国的煤制天然气，中国化学赛鼎工程有限公司总经理，张庆庚

Coal to SNG in China, CNCEC SEDIN Engineering Co. Ltd., Qinggeng Zhang

15:10 生物煤层天然气技术，美国下一代燃料公司亚洲区总工程师，文森特-任 博士

Insitu “Biogasification” of Coal: Current State and Perspectives, Next Fuel Inc. , Vincent Ren

15:30 中国洁净煤产业和技术发展现状，国家科技部863计划洁净煤主题专家、北京宝塔三能源科技有限公司，任相坤  
Clean Coal Situation and Technology Development in China, Expert on 863 Program of MOST, Xiangkun Ren

**16:10 – 16:30 Tea Break 茶歇**

*Lobby of International Conference Center, Jinci Hotel*

晋祠宾馆国际会议中心大厅

16:30 – 18:10 Session 3: Advanced Power Systems

专题报告3：先进发电系统

**Moderator: Francis Lau, Synthesis Energy**

16:30 绿色煤电开发及相关CCUS发展，华能清洁能源研究院院长，许世森

GreenGen and CO2 Capture Projects in CHNG, China Huaneng Clean Energy Research Institute, Dr. Shisen XU

16:50 LP阿米那公司先进的煤利用解决方案，LP阿米那公司CEO，威廉姆-拉塔

LP Amina's Advanced Coal Utilization Solutions, LP Amina Energy and Environmental Founder and CEO, Will Latta

17:10 国华电力燃煤发电机组“近零排放”工程实践，神华舟山电厂总经理，朱江涛

Guohua Power Coal-fired Generating Unit "Near Zero Emissions" Engineering Practice, General Manager of Shenhua Zhoushan Power Plant, Jiangtao Zhu

17:30 阿尔斯通清洁煤发电技术的进展，阿尔斯通电力美国公司，张巍博士

Updates on Alstom's Clean Coal Technologies For Power Generation, Alstom Power USA, Wei Zhang, Ph.D.

17:50 布连电厂技术创新和成果，国电集团国际部主任马骏

Bulian Power Plant Technological Innovations and Achievements, Director of International Cooperation Division, Guodian Group, Director of International Cooperation Division, Jun Ma

18:10 空气化工产品公司富氧燃烧技术介绍,空气化学品公司亚洲营销总监，彭长荣

Air Products Oxyfuel Technology Introduction, TGEE Asia Marketing Director ,Air Products & Chemicals, Changrong Peng

18:30 – 18:50            **Summary**                            **会论总结**

**Speech of Jun Gu and Julio Friedmann**

国家能源局国际司副司长顾骏和美国能源副部长助理弗雷德曼会议总结

19:00 – 20:00            **Dinner Buffet 自助晚餐**

**Banquet Hall, First Floor of Building 9, Jinci Hotel**

晋祠宾馆九号楼一层宴会厅

# Pollution Control Exchange 污染控制展览及商务研讨

TUESDAY, SEPT. 16, 2014

*Location: International Conference Center, Jinci Hotel*

地点：晋祠宾馆国际会议中心

**Moderators: Mr. YAN CHENXI, Deputy Secretary General of the Shanxi Provincial Government; Mr. ROBERT IVY, Director of DOE Office in Beijing**

主持人：山西省政府副秘书长；美国能源部北京办公室主任 ROBERT IVY

**8:30 – 8:40**                    **OPENING REMARKS AND INTRODUCTION OF SHANXI ENVIRONMENTAL PROTECTION BY MR. LIU DASHANX, DEPUTY DIRECTOR OF SHANXI ENVIRONMENTAL PROTECTION DEPARTMENT**

山西省环保厅副厅长刘大山致词并简介山西环境保护状况

**8:40 – 8:50**                    **OPENING REMARKS AND INTRODUCTION OF ENERGY ECONOMY OF WEST VIRGINIA BY DR. RICHARD BAJURA, REPRESENTATIVE OF WEST VIRGINIA GOVERNOR AND, DIRECTOR OF NRCCE, WEST VIRGINIA UNIVERSITY**

西弗吉尼亚州长特使、美国西弗吉尼亚大学国家煤炭与能源研究中心主任理查德-巴竹拉致词并介绍西弗吉尼亚州能源经济致辞

## 第一部分 Part 1

**8:50** 太原理工大学煤化工研究所副所长 苗茂谦                    **Maoqian Miao, Deputy Director of the Institute for Chemical Coal, Taiyuan University of Technology**

题目：以技术创新促进火电行业清洁发展

**Topic: Promote the Development of Clean Thermal Power Industry with technological Innovation**

**9:05** 美国能源环境研究中心副主任 麦克·霍尔姆斯                    **Mike Holmes, Deputy Associate Director for Research Energy & Environmental Research Center**

题目：减排控制措施的回顾

**Topic : Overview of Emission Control Options**

**9:20** 山西省发展和改革委员会应对气候变化处处长 武东升                    **Dongsheng Wu, Addressing Climate Change Office Division, Director, Shanxi DRC**

题目：低碳发展是山西的必然选择

**Topic : Low-carbon Development is the Inevitable Choice of Shanxi**

**9:35** 中科院山西煤炭化学研究所所长 王建国                    **Jianguo Wang, Director of Shanxi Coal Chemical Institute, Institute of Coal Chemistry, CAS**

题目：煤炭清洁高效转化利用

**Topic: Clean Coal Technology**

## 第二部分 Part 2

**10:05 Calera公司中国首席顾问 张智康 Ray Cheung, China Advisor, Calera Corporation**

题目：生产建筑材料，实现可商业化的二氧化碳捕集-  
低碳和循环经济的解决方案

**Topic: Commercializing Carbon Capture Utilization and Sequestration through Building Materials Technology Solutions for China's Low Carbon and Circular Economy**

**10:20 先进排放公司首席执行官 麦克.杜哈姆 Mike Durham, Advanced Emissions Solution, Inc.**

Topic: Reducing Emissions of Mercury and CO2 from Coal-Fired Power Plants to Meet New EPA Regulations

**10:35 卡尔冈炭素亚太区产品应用经理 杨青山 Caven Yang, Product Application Manager of Calgon Carbon Asia**

题目：卡尔冈炭素活性炭在电厂脱汞中的应用

**Topic: Mercury Removal Application in Power Plant of Calgon Carbon**

**10:50 山西国际能源（格盟国际）集团 张培华 Peihua Zhang, Shanxi International Energy (GEMENG International) Group**

题目：低热值煤发电助推山西省转型跨越发展

**Topic: Electricity generation using low calorific value coal boosts the transformation and leaping development of Shanxi Province**

**11:05 伯特利工业设备有限公司中国首席代表 樊京念 Jingnian Fan, Chief Representative, Birtley Industrial Equipment Corporation**

题目：资源型城镇煤泥与污泥的资源化协同利用

**Topic: Comprehensive Utilization of Coal & Municipal Sludge in Coal Cities**

**11:20 美国通用电气公司中国发电事业部市场部高级经理 陈静 Rebecca Chen, Senior Manager, GE**

题目：GE重型燃气轮机产品及低热值领域应用

**Topic: GE HDGT & Low BTU Application**

**11:35 山西国际能源有限公司首席专家 蔡新春 Xinchun Cai, Chief Expert Gemeng Consulting Company, Shanxi International Energy Group**

题目：兆光300MW机组锅炉设备改造

**Topic: Reforming for Reliability Improvement of 300MW Boiler Unitility in Zhaoguang**

**12:30 - 13:30**

**LUNCH BUFFET**

**自助午餐**

*Banquet Hall, First Floor of Building 9, Jinci Hotel*

*晋祠宾馆九号楼一层宴会厅*

**SITE TOUR (13:30 – 15:30): GEMENG POWER PLANT WITH SOX AND NOX CONTROL IN TAIYUAN**

**实地参观 (9月16日下午13:30-15:30): 格盟太原电厂及SO<sub>x</sub> 和NO<sub>x</sub> 减排技术**

