Congress Organization Committee
for the 1st China Int'l Coking Tech & Coke Market Congress:

Honorary Chairman:
Mr. Wu Xichun, Chairman of China Iron and Steel Association (CISA)

Executive Chairman:
Mr. Wu Jianchang, Deputy Chairman of China Iron and Steel Association (CISA)

Committee Members:
Mr. Huang Jingan Deputy Secretary General of CISA and concurrently Board Chairman of CCIA
Mr. Yang Zunqing Deputy Secretary General of CISA and concurrently Executive Deputy Chairman of MC - CCPIT
Mr. Xu Guangcheng Honorary Board Chairman of China Coking Industry Association (CCIA)
Mr. Zhou Shijian Vice President of China Chamber of Commerce of Metals, Minerals & Chemicals Importers & Exporters
Mr. Li Yongcheng Director of Beijing Coking and Chemical Works
Mr. Yang Wenbiao Secretary General of China Coking Industry Association (CCIA)
Mr. Wang Taiyan Consultant of CCIA and former Deputy Chief Engineer of Anshan Iron and Steel Group Co.
Mr. Zheng Wenhua President of Anshan Coking & Refractory Engineering Consulting Corp. (ACRE)
Mr. Wang Lifu Chief Engineer of Zhong Wei National Engineering Research Center for Coking Technology Co., Ltd.

About the Congress Hosts and Organizer

China Iron and Steel Association (CISA)
Officially founded in Jan. 1999, China Iron and Steel Association has 135 members which cover production enterprises, trade corporation, institutional organizations, institutes of higher learning, etc. Its main functions cover information provision, market and price coordination, acting as a bridge between government and enterprises, establishing and strengthening cooperation and ties with international counterpart organizations.

China Coking Industry Association (CCIA)
Officially founded in Nov.1994, China Coking Industry Association (CCIA) is a social legal entity consisting of coking enterprises, relevant scientific research institutes and well-known coking experts. It has 89 member enterprises, distributed in 28 provinces, autonomous regions and municipalities, in the fields of metallurgy, chemical industry, urban construction, coal industry and light industry, including 45 large- & medium-sized coking enterprises with their respective annual coke output exceeding 500,000 tons. The aim of CCIA is to manage the coking industry through coordinating with responsible governmental departments, to strengthen the contact between government and enterprises, to promote technical exchanges among coking enterprises, and ensure the development of coking industry.

Metallurgical Council of China Council for the Promotion of International Trade (MC - CCPIT)
MC – CCPIT is an organization engaged in promoting international trade and commerce for metallurgical enterprises at home and abroad, and providing consulting services in the field of metallurgical industry. MC organizes international conferences of various types, metallurgical technical seminars & symposiums, etc. For further information, please contact us through Tel: 65220754, Fax: 65254154, and email address: mcinco@metallurgy-china.com, or visit our website at www.metallurgy-china.com
Table of Contents

1. China's Steel Industry Development Strategy and a Look into Its Coking Industry Development
   by Wu Xichun, Chairman, China Iron and Steel Association (CISA), concurrently Honorary Director General of China Coking Industry Association (CCIA) .................................................. 1
   中国钢铁工业发展战略及炼焦产业发展展望
   — 中国钢铁工业协会会长兼中国炼焦行业协会名誉理事长吴溪淳先生 ........................................ 4

2. The Status-quo and Prospect of China's Coke Production and Export
   by Liang Shuhe, Assistant Counsel of Deputy Director-general Level, Department of External Economy Coordination, State Economy and Trade Commission ........................................... 6
   中国焦炭生产、出口现状及展望
   — 国家经贸委对外经济协调司助理巡视员梁树和先生 .............................................................. 9

3. Prospects for Chinese Coke Sales to the USA: Illusions and Realities
   by Mr. Peter F. Marcus, Managing Partner, World Steel Dynamics ......................................................... 11
   中国焦炭销往美国市场的前景
   — 世界钢铁动态公司常务股东 Peter F. Marcus 先生 ................................................................. 30

4. China's Coke Production, Consumption and Trade
   by Xu Guangcheng, Honorary Director General of China Coking Industry Association (CCIA) ....................... 48
   中国焦炭的生产、消耗与贸易
   — 中国炼焦行业协会名誉理事长徐广成先生 .................................................................................. 57

5. The Evolution of the International Coke Market
   by Jörg Rode, Director, RAG Trading GmbH, Germany ................................................................. 84
   国际焦炭市场的发展进程
   — 德国鲁尔集团贸易公司董事 Jörg Rode 先生 ............................................................................... 71

6. Outlook of China's Foreign Trade and Coke Import & Export in the Wake of China's Entry into WTO
   by Zhou Shijian, Vice President, China Chamber of Commerce of Metals, Minerals & Chemicals Importers & Exporter .......................................................................................... 77
   入世后中国的外贸及对焦炭进出口形势的展望
   — 中国五矿化工进出口商会副会长周世俭先生 ............................................................................. 81

7. Coke Quality Requirements Demanded by European Blast Furnace Operators
   by Hans Bodo Lungen, Senior Manager Metallurgy, German Iron and Steel Institute (VDEH), Germany .... 84
   欧洲高炉生产厂家对焦炭质量方面的要求
   — 德国钢铁工程师协会负责冶金的资深经理 Hans Bodo Lungen 先生 ........................................... 97

8. The Coking Industry Status-quo in China's Shanxi Province and the Strategic Readjustment for Its Future Development
   by Zhang Zeyu, Director, Economy and Trade Commission of Shanxi Province .................................... 109
   山西省炼焦产业现状及今后发展的战略调整
   — 山西省经贸委主任张泽宇先生 .................................................................................................. 117
9. Development of Scope 21 Cokemaking
   by Shinichi Suyama, Manager, Research Technology Section, Scope 21 R & D Department of The Japan
   Iron and Steel Federation, Japan (JISF)........................................................................................................... 122
   "面向二十一世纪的高效和高质量环保型焦炉” 项目的发展情况
   — 日本铁钢联盟“面向二十一世纪的高效和高质量环保型焦炉”研究发展部技术研究
   科负责人 Shinichi Suyama 先生 .................................................................................................................. 133

10. Trends in Global Coke Markets and the Implications for Chinese Producers
    by Patrick Cleary, Research Manager, Steelmaking Costs & Raw Materials, CRU International ............... 144
    全球焦炭市场趋势对中国焦炭生产企业的影响
    — 英国国际商品研究机构（CRU）负责炼钢成本及原料研究的经理 Patrick Cleary 先生 .................. 157

    Developing Direction
    by Cai Chengyou, Deputy President of Anshan Coking & Refractory Engineering Consulting Corp. (ACRE) .... 170
    当今中国炼焦工业技术进步的成就与方向
    — 鞍钢焦化耐火材料设计研究总院副院长蔡承祐先生 ........................................................................... 180

12. State of the Art of Cokemaking in Germany
    by Friedrich Huhn, Deputy Division Manager, Deutsche Montan Technologie GmbH (DMT), Germany .......... 189
    德国最新炼焦技术介绍
    — 德国 DMT 有限公司部门副经理 Friedrich Huhn 博士 ..................................................................... 203

13. Baosteel’s Coke Production and Utilization
    by Guo kezhong, Assistant President, Baoshan Iron & Steel Co., Ltd. ........................................................ 216
    宝钢焦炭的生产和使用
    — 上海宝山钢铁股份有限公司总经理助理郭可中先生 ..................................................................... 225

14. Outlook for Australian Coking Coal and Coke —— Key Materials for the Global Steel and Metallurgical
    Coke Industries
    by Dr. Neil J. Bristow, Chief Analyst, Carbon Steel Materials, BHP Billiton Marketing Asia Pty. ..................... 240
    澳大利亚焦煤和焦炭的情况综述——全球钢铁生产和冶金用焦的主要资源
    — BHP·比利顿亚洲销售有限公司碳钢生产用原料部首席分析家 Neil J. Bristow 先生 未发表

15. The General Chemical Works of New Iron & Steel Co., Ltd. under Anshan Iron & Steel Group Co. in
    Progress and Development
    by Ma Xibo, Director, Chemical Works of New Iron & Steel Co., Ltd. under Anshan Iron & Steel Group Co. ..... 233
    前进中的鞍钢新钢铁公司化工厂
    — 鞍钢集团新钢铁有限责任公司化工总厂厂长马希博先生 .................................................................. 237

16. The Current Development and Latest Achievements in Cokemaking Technology
    by Hermann Toll, General Manager Business Development, Thyssenkrupp Encoke .......................... 240
    炼焦技术的发展现状和最新成果
    — 德国蒂森克虏伯集团能源焦炭工程技术公司业务拓展部总经理 Hermann Toll 先生 .................. 252

17. Historical Turning Point of China’s Coke Exportation
    by Mr. Li Yongcheng, Beijing Coking and Chemical Works ................................................................. 263
    中国焦炭出口的历史转折
    — 北京炼焦化学厂厂长李永成先生 ...................................................................................................... 270