

# The 1<sup>st</sup> Workshop on DEA for Energy and Environmental Modeling

## Time Schedule Arrangement (日程安排表)

4月4日(星期六)				
时 间	内 容	主持人	地 点	
8:30-8:40	会议开幕		经管 学院 704会 议室	
8:40-9:20	The Congestion Total-factor Energy Efficiency of Regions in Taiwan (报告人: 胡均立 教授)	周鹏		
9:20-10:00	Energy efficiency performance of China's transport sector: A DEA approach (报告人: 钟兆伟 副教授)			
10:00-10:20	茶歇			
10:20-11:00	Review of DEA studies of undesirable outputs (报告人: 陈建铭 助理教授)			
11:00-11:40	An introduction to Stochastic Semi-Nonparametric Envelopment of Data (StoNED) (报告人: 李家岩 助理教授)			
11:40-13:00	午餐			
13:00-13:40	The performance evaluation and resource allocation with multiple undesirable outputs based on uniform frontier (报告人: 毕功兵 副教授)	王群伟		
13:40-14:20	Self-appraisal, Peer Appraisal and Nash Equilibrium (报告人: 吴杰 教授)			
14:20-14:40	茶歇			
14:40-15:20	大数据视阈下环境绩效评价 (报告人: 宋马林 教授)			
15:20-16:00	Potential gains from carbon emissions trading in China: A DEA based estimation (报告人: 王科 副教授)			
会议圆满结束				

# **The 1st Workshop on DEA for Energy and Environmental Modeling**

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## **Profiles of keynote speakers**

Research Center for Soft Energy Science, College of Economics  
and Management, NUAA

Nanjing, China

**2015/4/4**

**报告题目: The Congestion Total-factor Energy Efficiency of Regions in Taiwan**

**报告人: Jin-Li Hu**

**报告人简介:**

胡均立 (Jin-Li Hu) 现任台湾交通大学管理学院副院长、GMBA 主任、经营管理研究所教授, 获得美国纽约州立大学石溪分校经济学博士。他荣获 2012 年亚洲最佳经济学教授奖, 长期关注两岸经济发展与合作。他的主要研究专长为能源政策、效率、银行与金融、中国经济、观光经济等。目前担任台湾核心期刊《管理与系统》(TSSCI) 执行编辑、《管理学报》(TSSCI) 编辑委员、Open Environmental Sciences (Scopus) 主编等学术职务。采用的研究方法包含数据包络分析法、随机边界分析法、时间序列、博弈论等。

至 2015 年 3 月共累计发表 161 篇经匿名审论文, 有 67 篇 ISI (49 篇 SSCI + 18 篇 SCI)、8 篇 EI、7 篇 Scopus、7 篇 TSSCI、3 篇 THCI、2 篇 CSSCI 期刊论文, 包含 Journal of Economics & Management Strategy, Journal of Banking & Finance, Journal of Institutional & Theoretical Economics, Journal of Economics, Manchester School, Economic Record, Journal of Productivity Analysis, Journal of the Operational Research Society, Applied Energy, Energy Economics, Energy Policy, Energy, International Journal of Electrical Power and Energy Systems, Environmental & Resource Economics, Resources Policy 等主流期刊。至 2015 年 3 月为止个人的 Google Scholar Citations 次数已达 2400 次。

他长期致力于能源政策之咨询与推动, 现任经济部石油基金管理委员、能源局业界能源项目技术审议委员会召集人等职务。他也是台湾翰林版高中公民与社会课本(经济学部分)的撰写委员, 经常担任各类经济与管理议题的通俗演讲人。

从大陆可阅览的交大教职员网页网址为: <http://web.it.nctu.edu.tw/~jinlihu>。

**报告题目: Energy efficiency performance of China's transport sector: A DEA approach**

**报告人: William CHUNG**

**报告人简介:**

Dr. William CHUNG (钟兆伟) is an Associate Professor of Management Sciences at City University of Hong Kong. He earned his PhD in Management Sciences at the University of Waterloo, Canada, in 1999. His personal research interests mainly focus on developing mathematical methodologies for energy-environmental policy problems, like solution methods for large-scale equilibrium models, benchmarking methods for energy consumption performance of buildings, and decomposition analysis of energy intensity. His papers can be found in the following journals: Operations Research, EJOR, Expert Systems with Applications, Computational Economics, Energy Economics, Energy Policy, Energy, Applied Energy, Energy and Buildings. In addition, he is the director and founder of the Energy and Environmental Policy Research Unit at City University of Hong Kong. He is a visiting professor of Center for International Energy and Environment Strategy Studies, Renmin University of China.

**报告题目: Review of DEA studies of undesirable outputs**

**报告人: Chien-Ming Chen**

**报告人简介:**

Chien-Ming Chen (陈建铭) is an assistant professor of operations management at the Nanyang Business School (NBS) of Nanyang Technological University in Singapore. He obtained his PhD in Management Science from Rotterdam School of Management, Erasmus University in 2009. Prior to his position at NBS, he was a postdoctoral scholar and lecturer at the UCLA Institute of the Environment and Sustainability. At NBS, he was the winner of the 2012 NBS Research Excellence Award. His research interests include corporate environmental issues, empirical research, and topics in data envelopment analysis. His research work has been published in several leading journals, including European Journal of Operations Research, Operations Research, Production and Operations Management, and Strategic Management Journal.

**报告题目: An introduction to Stochastic Semi-Nonparametric Envelopment of Data (StoNED)**

**报告人: Chia-Yen Lee**

**报告人简介:**

Chia-Yen Lee (李家岩) was born in Taiwan, in 1980. He received the M.S. in industrial engineering and engineering management from National Tsing Hua University, Taiwan, in 2006, and Ph.D. degree in industrial and systems engineering from Texas A&M University, in 2012. He is currently an assistant professor in the Institute of Manufacturing Information and Systems, National Cheng Kung University (NCKU), Taiwan. He is also a Principal Investigator in NCKU Research Center for Energy Technology and Strategy. His research interests include production economics, stochastic optimization, intelligent manufacturing systems, and data mining. Dr. Lee is a member of the Institute of Industrial Engineers (IIE), the Institute for Operations Research and the Management Sciences (INFORMS), and the Production and Operations Management Society (POMS). He has several publications on European Journal of Operational Research, IEEE Transactions on Power Systems, OR Spectrum, Journal of Optimization Theory and Applications, etc. He also received the Best Paper Award from the International Symposium on Semiconductor Manufacturing Intelligence (ISMI2014), the Rising Star Research Grants from NCKU, and the Outstanding Young Scholar Grants from the Ministry of Science and Technology, Taiwan.

**报告题目: The performance evaluation and resource allocation with multiple undesirable outputs based on uniform frontier**

**报告人: 毕功兵**

**报告人简介:**

毕功兵, 中国科大管理学院教师, 2007 年博士毕业于中国科学技术大学管理学院管理科学与工程专业, 2009-2012 年担任中国科大管理科学系主任, 2013-2014 年任职国家自然科学基金委员会管理科学一处流动项目主任。长期从事管理科学与工程专业方向的基础研究, 主持多项国家自然科学基金项目, 指导博士生、硕士生 10 余名。

主要研究方向为组织效率评估, 发表学术论文 50 余篇, 其中 SCI 检索论文近 20 篇, 多数在 OR/MS 的主流学术期刊, 包括 EJOR、JORS、Omega、ANOR 等。为多数国内外学术期刊匿名审稿, 如 Omega、EJOR、JORS、AMM、管理科学学报、中国管理科学、系统理论与实践、系统工程学报等。

中国优选法统筹法与经济数学研究会第八、九届理事, 中国系统工程学会决策科学分会第四届常务理事。

**报告题目: Self-appraisal, Peer Appraisal and Nash Equilibrium**

**报告人: 吴杰**

**报告人简介:**

吴杰 (1981.6-), 男, 现为中国科学技术大学管理学院教授, 博士生导师、校学术委员会委员。吴杰为国家自然科学基金委 (首届) 优秀青年基金项目获得者、全国 (百篇) 优秀博士学位论文奖获得者以及中国科学院 (首届) 卓越青年科学家项目获得者。并且, 曾获得 Highly Commended Award winner of 2010 Emerald/EFMD Outstanding Doctoral Research Awards (由国际著名出版机构 Emerald 和欧洲管理发展基金会 EFMD 联合颁发)、教育部第六届高等学校科学研究优秀成果奖 (人文社会科学) 一等奖 (排名第二)、中国科学院卢嘉锡青年人才奖以及安徽省自然科学优秀学术论文一等奖等国内外奖项。

2008 年至今, 在 Operations Research、European Journal of Operational Research、Omega、Annals of Operations Research、International Journal of Production Research、International Journal of Production Economics 以及 Computers & Industrial Engineering 等国际学术期刊 (接受) 发表论文 40 篇, 其中 SCI 检索期刊论文 26 篇 (第一作者或通讯作者论文 22 篇), SSCI 检索期刊论文 14 篇 (第一作者或通讯作者论文 10 篇)。应邀担任 Annals of Operations Research (SCI 检索期刊)、Energy Policy (SCI、SSCI 检索期刊) 等四个国际学术期刊特刊 (*Special Issue*) 的客座编辑 (Guest Editor), 并已成为 European Journal of Operational Research、Journal of the Operational Research Society、Omega、Computers & Industrial Engineering 等国际学术期刊的审稿人。



**报告题目：大数据视阈下环境绩效评价**

**报告人： 宋马林**

**报告人简介：**

宋马林，经济学硕士、管理学博士（后）。安徽财经大学统计与应用数学学院分管教学科研副院长。2013年5月成立安徽财经大学“中国生态经济与统计创新研究中心”并担当负责人；2013年7月成为安徽财经大学“环境与可持续发展统计”学术特区负责人；2014年1月受聘为 Adjunct Research Fellow at the China Research and Development Centre (UK)；2015年1月，经国务院批准，享受政府特殊津贴。

近年来，主要从事数据包络分析、环境经济统计方面的研究，特别是在环境效率评价方法与应用方面取得了丰硕的成果，并产生一定的影响。2010年至今，主持完成省部级项目共6项，均“免于鉴定”结项或鉴定等级为“优秀”。目前主持教育部哲学社会科学研究重大课题攻关项目等课题；第一作者、通讯作者在国际SSCI/SCI检索期刊发表论文30多篇，第一作者在国内《经济研究》等CSSCI期刊发表论文20篇；排名第一的科研成果获国家商务部部级一等奖、全国统计科研优秀成果奖二等奖、国家商务部部级二等奖，以及安徽省自然科学优秀学术论文二等奖和三等奖等奖项。

**报告题目: Potential gains from carbon emissions trading in China: A DEA based estimation**

**报告人: 王科**

**报告人简介:**

Ke Wang is an associate professor of Beijing Institute of Technology, Center for Energy and Environmental policy research (CEEP-BIT). He was a visiting scholar of University of Illinois at Urbana-Champaign and University of Michigan. His research interests include efficiency and productivity analysis modeling, energy economics and climate policy modeling, DEA. He is the PI of several research projects including grants of NSFC, China CDM Fund, World Bank China Energy Efficiency Financing Project. He has published more than 30 peer-reviewed articles on Omega, Energy Policy, Applied Energy, MCM, Natural Hazards, Energy Conversion and Management, IJITMD, Renewable and Sustainable Energy Reviews, Mitigation and Adaptation Strategies for Global Change, etc. He is the Council Standing Membership of Energy Economics and Management Section of CSOOPEM, the guest editor of Annals of Operations Research and Natural Hazards, and the managerial editor of Journal of Modelling in Management.