



Global climate governance and energy finance:
Challenges and opportunities

2020 INTERNATIONAL CONFERENCE ON ENERGY FINANCE(ICEF)

24-25 October 2020

CONTENTS

01

Welcome Address

02

Organizers

06

Keynote Speakers

07

Organizing Committee

08

Scientific Committee

09

Editor Forum

11

Special Issue

12

Programme at a Glance

13

Detailed Programme



WELCOME

Dear Colleagues,

The 2020 International conference on Energy Finance: Global climate governance and Energy finance: Challenges and Opportunities, held by China University of Petroleum (East China), School of Economics and Management and jointly organized by Chinese Society of Optimization, Overall Planning and Economical Mathematics and China Energy Finance Network in conjunction with Energy Economics, International Review of Financial Analysis, International Review of Economics and Finance, Finance Research Letters, will take place online on 24-25 October 2020.

The conference will provide a platform for international scholars to share their frontier research. It also aims to provide a valuable forum for practitioners, policymakers and academics to discuss and critical analyze the major issues and challenges in the area of energy finance.

On behalf of the organizing committee and scientific committee, we would like to invite submissions of high quality, internationally focused, original researches. Papers to be considered include but not limit to the following topics:

Climate and carbon finance

Climate change economics

Energy market systemic risk modelling

Green technology innovation

Green finance and investment

Deep decarbonization

Energy corporate finance

Sustainable consumption

Data-driven modelling in energy and environment

We are looking forward to seeing you online.

Peng Zhou
Conference Chair

ORGANIZERS

中国能源金融联盟

China Energy Finance Network

中国石油大学(华东)

China University of Petroleum

中国优选法统筹法与经济数学研究会

Chinese Society of Optimization, Overall Planning and Economical Mathematics



中国石油大学(华东)
CHINA UNIVERSITY OF PETROLEUM

中国优选法统筹法与经济数学研究会
Chinese Society of Optimization, Overall Planning and Economical Mathematics

CO-ORGANIZERS

中国科学院科技战略咨询研究院

Institutes of Science and Development, Chinese Academy of Sciences

西南财经大学 能源与环境协同创新研究团队

Team for Integrated Energy and Environmental Research Studies
Southwestern University of Finance and Economics

国际能源转型研究会

The International Society for Energytransition Studies

中国科学院青年创新促进会

Youth Innovation Promotion Association of Chinese Academy of Sciences



中国科学院科技战略咨询研究院
Institutes of Science and Development, Chinese Academy of Sciences



ISETS
THE INTERNATIONAL SOCIETY FOR
ENERGYTRANSITION STUDIES



CONFERENCE CHAIR

Jianping Li	<i>University of Chinese Academy of Sciences, China</i>
Dayong Zhang	<i>Southwestern University of Finance and Economics, China</i>
Peng Zhou	<i>China University of Petroleum (East China), China</i>

SCIENTIFIC COMMITTEE CHAIR

Qiang Ji	<i>Chinese Academy of Sciences, China</i>
----------	---

ORGANIZING COMMITTEE CHAIR

Jun Wang	<i>China University of Petroleum (East China), China</i>
Bingquan Liu	<i>China University of Petroleum (East China), China</i>
Xiaofeng Xu	<i>China University of Petroleum (East China), China</i>

CONFERENCE CHAIR



Professor Jianping Li

University of Chinese Academy of Sciences

Jianping Li is a Distinguished Research Fellow at Chinese Academy of Sciences (CAS), and professor at School of Economics and Management, UCAS. He has received the National Science Fund for Distinguished Young Scholars (2014). He serves as Executive Member and Secretary-General of the International Academy of Information Technology and Quantitative Management, Executive Editor-in-Chief of Chinese Journal of Management Science, etc. He was awarded the China Youth Science and Technology Award, the National Excellent Scientific and Technological Workers and the Excellent Tutor Award of Chinese Academy of Sciences. He has published 6 monographs and over 180 papers in various journals and conferences/proceedings.



Professor Dayong Zhang

Southwestern University of Finance and Economics

Dayong Zhang is a Professor of Financial Economics at Southwestern University of Finance and Economics, China. Professor Zhang received his PhD from the University of Birmingham (UK). His research interest covers broad areas of energy economics, energy finance, banking and finance, and general economic and financial issues in emerging economies. He has published more than 90 articles in peer-reviewed journals, including: Journal of Banking and Finance, British Journal of Management, Ecological Economics, Urban Studies, Energy Journal, Energy Economics and others. He is an associate editor of International Review of Financial Analysis, International Review of Economics & Finance; senior editor of Finance Research Letters, International Journal of Emerging Markets; guest editor of Energy Economics, Energy Policy etc., the co-founder of China Energy Finance Network, and one of the board of directors of the Society for the Study of Emerging Markets (SSEM).



Professor Peng Zhou

China University of Petroleum

Peng Zhou is Professor and Dean of the School of Economics and Management, China University of Petroleum at Qingdao. He has been with Nanjing University of Aeronautics and Astronautics as a professor after obtaining his PhD degree from the National University of Singapore (NUS). Dr. Zhou works in the broad area of energy economics, policy and management, which had led a number of publications in journals such as Ecological Economics, Energy Economics, JEEM and The Energy Journal. Dr. Zhou was a winner of the China National Science Foundation for Outstanding Young Scientists (2016). He is a Senior Editor of Energy Policy, an Associate Editor of Energy Economics, an editorial board member of several other journals such as Energy and Energy Efficiency.

SCIENTIFIC COMMITTEE CHAIR



Dr Qiang Ji

*Institutes of Science and Development
Chinese Academy of Sciences*

Qiang Ji is an associate professor in Institutes of Science and Development, Chinese Academy of Sciences (CAS). His research interest covers broad areas of big data and energy finance, energy economics and energy strategy management, forecast modelling and risk management and financial econometrics. He has published more than 130 articles in peer-reviewed journals, including: The Energy Journal, Energy Economics, International Journal of Forecasting, and others. He is the principle investigator of over ten grants from the National Natural Science Foundation of China (NSFC) and CAS. He serves as senior editor, associate editor and subject editor for Finance Research Letters, International Review of Financial Analysis, International Review of Economics and Finance, Emerging Markets Finance and Trade and International Journal of Financial Engineering. He is the co-founder of China Energy Finance Network.

KEYNOTE SPEAKER



Professor Shouyang Wang

Chinese Academy of Sciences

He is currently a Bairen distinguished professor and the founding director of Center for Forecasting Science of Chinese Academy of Sciences, and a Changjiang distinguished professor and the dean of School of Economics and Management, The University of Chinese Academy of Sciences. He is a fellow of The Third World Academy of Sciences, an academican of International Academy of Systems and Cybernetics Sciences, a fellow of Asian Industrial Engineering and Management Society, is/was the president of International Society of Knowledge and Systems Sciences, a vice president of International Association of Financial Risk Management, a vice president of International Society of Global Optimization, the president of Systems Engineering Society of China, an executive director of International Federation of Systems Research, an executive director of International Institute of Forecasters, and a vice president of Chinese Academy of Management.

His research interest includes energy economics and energy management, financial engineering, and environment economics and policy designing. He has published 42 monographs (20 were published by Springer and Taylor & Francis in USA and Europe) and over 400 papers in leading journals, including Nature, Nature Energy, Nature Communications, Nature Human Behaviors, Nature Urban Sustainability, Energy Economics, Ecological Economics. His total SCI/SSCI citations is over 10000 and his H-index is 54. He is the editor-in-chief, an area editor or associate editor of 16 journals, such as Energy Economics.

Besides, He submitted 250 policy research reports to the State Council and the governmental departments, over 100 policy suggestions were adopted by the government as its economic policies and industrial policies. He is an advisor of Ministry of Commerce of PR China, an advisor of The State Commission of Development and Reforms of PR China, an advisor of The State Bureau of Energy of PR China.



Professor Dabo Guan

Tsinghua University

I hold a joint Chair of Climate Change Economics and Low Carbon Transition between University College London (UCL) and Tsinghua University. My international reputation for environmental resources accounting, climate change mitigation in developing countries and climate change adaptation economics has resulted in six academic awards, 130+ publications, high profile media coverage, international conference and committee invites and lead authorship for the fifth Assessment Report by the Intergovernmental Panel for Climate Change. I am the Highly Cited Researcher for 2018 and 2019, which recognised for world-class researchers selected for their exceptional research performance, demonstrated by production of multiple highly cited papers that rank in the top 1% by citations in Web of Science. I received the PNAS Cozzarelli Prize 2014 (acknowledges the best paper that reflect scientific excellence and originality published in PNAS), and the Philip Leverhulme Prize in 2013 - the prize of £70k is awarded to outstanding scholars who have made a substantial and recognised contribution to their field of study, recognised at an international level. I also received the British Academy Advanced Newton Fellowship in 2016 with an award of £64k. I was conferred on the Fellow of Academy of Social Sciences (FAcSS) in 2019. My h index is 59 with citations over 13,000 times (Google Scholar), including 40+ articles published in, Nature, Nature Research Journals and PNAS. I have received the Leontief Memorial Prize on three occasions. My paper was awarded for the "Top Policy Paper 2007" by Environmental Science & Technology.

I have a strong funding track of record from various research funding bodies, having successfully obtained ~ 20 research projects, worth about £25 million in total. Budgets brought to home institutions were over £3 million in the past five years. My research has been frequently reported by international media and adopted by policy stakeholders as scientific evidence in setting environmental policies. My paper about climate change and beer drought received the 2018 Altmetric Top 100 award and was the most "talked about" climate change-related paper in media and social media. My developed CEADs (China Emission Accounts and Datasets) provides the most up-to-date energy, emission and socioeconomic accounting inventories for China and its 30 regions and 200+ cities. Produced data and results were used as official statistics in China as well as low carbon development guidelines for 50+ cities in China.

ORGANIZING COMMITTEE

Hui Wang	<i>China University of Petroleum (East China), China</i>
Mingming Zhang	<i>China University of Petroleum (East China), China</i>
Wen Wen	<i>China University of Petroleum (East China), China</i>
Xiaofeng Xu	<i>China University of Petroleum (East China), China</i>
Jianmin Qi	<i>China University of Petroleum (East China), China</i>
Yongbo Li	<i>China University of Petroleum (East China), China</i>
Yong Wang	<i>China University of Petroleum (East China), China</i>
Peng Zhou	<i>China University of Petroleum (East China), China</i>
Jun Wang	<i>China University of Petroleum (East China), China</i>
Bingquan Liu	<i>China University of Petroleum (East China), China</i>
Xiaolei Sun	<i>Chinese Academy of Sciences, China</i>
Yinpeng Liu	<i>Chinese Academy of Sciences, China</i>
Yan Xia	<i>Chinese Academy of Sciences, China</i>
Mei Wang	<i>China University of Petroleum (East China), China</i>
Luping Zhang	<i>China University of Petroleum (East China), China</i>
Wenya Wang	<i>China University of Petroleum (East China), China</i>

SCIENTIFIC COMMITTEE

Elie Bouri	<i>Holy Spirit University of Kaslik, Lebanon</i>
Ying Fan	<i>Beihang University, China</i>
Rangan Gupta	<i>University of Pretoria, South Africa</i>
Qiang Ji	<i>Chinese Academy of Sciences, China</i>
Lutz Kilian	<i>Federal Reserve Bank of Dallas, United States</i>
Ali M. Kutan	<i>Southern Illinois University Edwardsville, USA</i>
Jianping Li	<i>Chinese Academy of Sciences, China</i>
Boqiang Lin	<i>Xiamen University, China</i>
Brain Lucey	<i>Trinity College Dublin, Ireland</i>
Xingguo Luo	<i>Zhejiang University, China</i>
Duc Khuong Nguyen	<i>IPAG Business School, France</i>
Ronald D. Ripple	<i>University of Tulsa, USA</i>
Xunpeng Shi	<i>University of Technology Sydney, Australia</i>
Ugur Soytas	<i>Middle East Technical University, Turkey</i>
Aviral Kumar Tiwari	<i>Montpellier Business School, France</i>
Shouyang Wang	<i>Chinese Academy of Sciences, China</i>
Yudong Wang	<i>Nanjing University of Science and Technology, China</i>
Jian Yang	<i>University of Colorado, USA</i>
Dayong Zhang	<i>Southwestern University of Finance and Economics, China</i>
Zhongxiang Zhang	<i>Tianjin University, China</i>
Peng Zhou	<i>China University of Petroleum (East China), China</i>

EDITOR FORUM



Boqiang Lin

- *Energy Economics* (Editor)



Bin Chen

- *Energy, Ecology and Environment* (Editor-in-Chief)
- *Applied Energy* (Subject Editor)



Peng Zhou

- *Energy Policy* (Senior Editor)



Jianping Li

- *Chinese Journal of Management Science* (Executive Editor-in-Chief)



Dayong Zhang

- *Finance Research Letters* (Senior Editor)
- *International Journal of Emerging Markets* (Senior Editor)



Dengsheng Wu

- *Innovation* (Academic Editor)



Professor Boqiang Lin

Xiamen University

Boqiang Lin obtained his Ph. D in Economics from University of California at Santa Barbara, a 2007 “Chang Jiang Scholar” Distinguished Professor, and Dean of China Institute for Studies in Energy Policy, School of Management, Xiamen University; Editor, Energy Economics; His current research and teaching areas including energy economics and energy policy. He is a member of National Energy Consultation Committee under National Energy Commission; Member of National Energy Price Consultation Committee under National Development and Reform Commission; Guest Commentator for China Central TV and China National Radio. He is currently a member of the executive committee of Board of Stewards on Future of Energy of the World Economic Forum based in Davos Switzerland, He is also in the advisory boards of several world-level projects initiated by the World Economic Forum including Global Battery Alliance, Fostering Effective Energy Transition, and Accelerating Sustainable Energy Innovation. He was invited ten consecutive years participating the World Economic Forum in Davos since 2011. He has received 14 times of the ministerial and provincial-level science research awards and responsible for more than 120 research projects. He has published more than 470 academic papers in international and domestic energy and economics journals, with a h-index =55, with 51 highly cited papers.



Professor Bin Chen

Beijing Normal University

Bin Chen is a distinguished professor of energy system modelling at Beijing Normal University. He obtained B.E. degree in electrical engineering from Zhejiang University, and Ph.D. degree in environmental science from Peking University. Dr. Chen has published over 200 peer-reviewed papers in prestigious international journals such as Science Advances, Nature Communications, Nature Climate Change, PNAS, and Trends in Biotechnology. His works are widely recognized and have more than 10000 citations with H-index of 55 according to Web of Science. He is serving as Editor-in-Chief of Energy, Ecology and Environment, Executive Editor of Journal of Cleaner Production, Associate Editor of Frontiers of Earth Science, Subject Editor of Applied Energy, and an editorial board member of Energy, Ecological Modelling, Journal of Environmental Management, Journal of Hydrodynamics and Ecological Informatics, Environmental and Sustainability Indicators, Current Research in Environmental Sustainability, etc. He was also among the organizers and keynote speakers for various international conferences.



Dr Dengsheng Wu

Chinese Academy of Sciences

Dengsheng Wu is an associate professor at the Institutes of Science and Development Chinese Academy of Sciences. He is a member of the Youth Innovation Promotion Association of Chinese Academy of Sciences and serves as the academic editor of the Innovation, associate editor of the Chinese Journal of Management Science. He has published 80 articles, among which more than 30 articles are indexed by the SSCI/SCL, such as the important journal Risk Analysis, European Journal of Operational Research, and Journal of Informetrics. He is the owner of a second-class scientific award in Qinghai Science and Technology Progress Award, and several international awards for best papers. He has drafted 1 national standard, 3 patents, and 13 software copyrights. He has also drafted two policy recommendations as a major member, which are commented on by the National leaders of the People's Republic of China finally.

SPECIAL ISSUE



Selected papers are eligible to be considered for publication in a special issue in one of the four support journals, International Review of Financial Analysis, Energy Economics, International Review of Economics and Finance and Finance Research Letters. The final recommendation will be finished by our scientific committee before 20 November 2020. All the papers selected for inclusion in the special issues will go through the journal's blind review process. Please note there is not a guarantee for publication in the SI.



PROGRAMME AT A GLANCE

Saturday, October 24 2020				
09:00-09:20	Welcome and Opening Remarks		Tencent Meeting <i>Meeting ID: 713 258 365</i>	
09:20-10:50	Keynote Speeches			
10:50-12:00	Editor forum			
12:00-13:00	Lunch			
13:30-15:10	Concurrent Sessions			
	Session 1 Modelling oil prices <i>Meeting ID: 679 289 110</i>	Session 2 Efficiency in energy markets <i>Meeting ID: 583 254 239</i>	Session 3 Green bonds <i>Meeting ID: 647 988 229</i>	Session 4 Renewables and electricity markets <i>Meeting ID: 200 165 629</i>
	Session 5 Climate policy <i>Meeting ID: 276 374 771</i>	Session 6 Environmental regulation <i>Meeting ID: 692 737 558</i>	Session 7 Cross-market linkages <i>Meeting ID: 549 451 899</i>	Session 8 Oil price uncertainties and financial market <i>Meeting ID: 487 907 399</i>
	Tea break			
15:10-15:30	Concurrent Sessions			
	Session 9 Innovation <i>Meeting ID: 679 289 110</i>	Session 10 Green finance <i>Meeting ID: 583 254 239</i>	Session 11 ETS <i>Meeting ID: 647 988 229</i>	Session 12 ADB Institute Session <i>Meeting ID: 200 165 629</i>
	Session 13 Information disclosure <i>Meeting ID: 276 374 771</i>	Session 14 Risk spillovers <i>Meeting ID: 692 737 558</i>	Session 15 Environmental issues in a global perspective <i>Meeting ID: 549 451 899</i>	Session 16 Impacts of COVID-19 <i>Meeting ID: 487 907 399</i>
	Tea break			

Sunday, October 25 2020				
09:00-10:40	Concurrent Sessions			
	Session 17 Forecasting <i>Meeting ID: 745 435 001</i>	Session 18 Carbon pricing <i>Meeting ID: 662 719 150</i>	Session 19 Futures and commodity markets <i>Meeting ID: 718 982 843</i>	Session 20 Corporate behavior <i>Meeting ID: 163 555 746</i>
	Session 21 Environment and corporate finance <i>Meeting ID: 326 316 377</i>	Session 22 Carbon emission and pollution <i>Meeting ID: 981 560 772</i>		
10:40-11:00	Tea break			
11:00-12:00	Closing Ceremony Best Paper awards Next conference announcement Closing Remarks		Meeting ID: 372 336 689	

DETAILED PROGRAMME

Saturday, October 24 2020		
09:00-09:20	Welcome and Opening Remarks <i>Professor Peng Zhou (Conference Chair)</i> <i>Professor Jianping Li (Vice President of CSOPEM)</i> <i>Chair: Xiaofeng Xu</i>	Meeting ID: 713 258 365
09:20-10:50	Keynote speech I <i>Professor Shouyang Wang</i> Will good forecasting + good trading strategies lead to good performance in financial markets Keynote speech II <i>Professor Dabo Guan</i> Global climate change mitigation under the COVID-19 new normal <i>Chair: Dayong Zhang</i>	
10:50-12:00	Editor forum <i>Chair: Qiang Ji</i>	
12:00-13:00	Lunch	
13:30-15:10	Session 1: Modelling oil prices <i>Chair: Xiaolei Sun, Chinese Academy of Sciences</i>	Meeting ID: 679 289 110
	1. Investor attention on trump and its impact on crude oil price <i>Qing Shi, Xiaoqi Sun</i>	
	2. Heterogeneous impacts of uncertainties on crude oil volatility: Fresh evidence from the GARCH-MIDAS model <i>Xiaolei Sun, Chang Liu, Jianping Li</i>	
	3. Volatility connectedness between China and international crude oil markets: Time-frequency dynamics and intraday periodicity <i>Zhenhua Liu, Pengxiang Zhai, Zhihua Ding, Qiang Ji</i>	
	4. Sentiment of analysts and oil prices <i>Dayong Zhang, Dawei Liang, Qiang Ji, Qianqian Du</i>	
	5. The transmission mechanism among markets of carbon trading, metals, crude oil and electric vehicle <i>Hui Yu, Yinghui Ding, Qingru Sun, Chao Li</i>	
	Session 2: Efficiency in energy markets <i>Chair: Yong Wang, Dongbei University of Finance and Economics</i>	Meeting ID: 583 254 239
	1. Study on evaluation of fiscal expenditure efficiency of clean heating policy <i>Yaoyao Ren</i>	
	2. Measuring energy efficiency based on input distance function <i>Yue Liu, Haoran Yang</i>	
	3. Green technology innovation in China's energy-intensive industries from the perspective of shared input: Efficiency evaluation and improvement path <i>Lin Zhu, Qianshi Wang, Yong Wang, Shoujun Huang</i>	
	4. The impact of reverse technology spillover of foreign direct investment on energy efficiency <i>Boqiang Lin, Yahao Fang</i>	
	5. Measurement of direct rebound effect of residential electricity consumption: An empirical study based on the China family panel studies <i>Boqiang Lin, Penghu Zhu</i>	
	Session 3: Green bonds <i>Chair: Ding Li, Southwestern University of Finance and Economics</i>	Meeting ID: 647 988 229
	1. Green bonds and conventional financial markets in China: A tale of two transmission mechanisms <i>Boqiang Lin, Tong Su</i>	
	2. The risk spillover effects study on China's green bond market and other financial markets <i>Yang Gao, Chunyu Li, Tongshuai Qiao</i>	
	3. Oil price shocks, policy-related risks, and green bond returns: Evidence from China <i>Chi-Chuan Lee, Wei Wang, Ding Li</i>	
	4. The benefits of issuing green bonds: Evidence from China green bonds market <i>Dong Wang, Ping Li</i>	
	Session 4: Renewables and electricity markets <i>Chair: Pengxiang Zhai, Shenzhen University</i>	Meeting ID: 200 165 629
	1. How much impact will low oil price and carbon trading mechanism have on the value of CCUS project? Analysis based on real option method <i>Boqiang Lin, Zhizhou Tan</i>	
	2. Time-frequency connectedness and network between green bonds and renewable energy stocks <i>Nana Liu</i>	
	3. Long-term power generation expansion model with variable renewable energy — a multistage stochastic optimization based on modified nested decomposition algorithm <i>Shujin Hou, Ying Fan, Bo-Wen Yi</i>	
	4. Volatility spillovers in european electricity markets: The role of economic policy uncertainty <i>Rufei Ma, Zhenhua Liu, Qiang Ji, Pengxiang Zhai</i>	
	Session 5: Climate policy <i>Chair: Qunwei Wang, Nanjing University of Aeronautics and Astronautics</i>	Meeting ID: 276 374 771
	1. Climate risk and foreign direct investment: Role of governance <i>Yingtong Chen</i>	
	2. The optimal mix of monetary and climate policy <i>Chuanqi Chen, Dongyang Pan</i>	
	3. Do energy subsidies occupy fiscal and household non-energy expenditures? A regional heterogeneity assessment on coal-to-gas program in China <i>Bo Zhou, Qunwei Wang</i>	
	4. The influence of green credit on the contribution degree of systemic risk of commercial banks <i>Yongbo Li, Jing Zheng</i>	
	5. Does China's carbon emissions trading reduce the carbon emissions driven by investment? Evidence from CET-covered industries <i>Yue-Jun Zhang, Ya-Fang Sun</i>	
Session 6: Environmental regulation <i>Chair: Changyu Liu, Shandong Normal University</i>	Meeting ID: 692 737 558	
1. How does environmental regulation affect firm economic performance? A quasi-natural experiment based on China's new environmental protection law <i>Qiang Li, Tianjing Zhang, Erwei Xiang</i>		
2. Tripartite coordinated regulation of energy-saving products based on dynamic Bayesian game <i>Changyu Liu, Guanglong Dong, Tao Yu</i>		
3. Does green loan policy enable efficient green production? Evidence from Chinese firms <i>Dongyang Zhang</i>		
4. Impacts of regional environmental regulations on Taiwanese investment in mainland China <i>Fang Yang, Qinfan Gan</i>		
5. Research on the effect of government subsidy-A case study of China's photovoltaic industry <i>Boqiang Lin, Ranran Luan</i>		
Session 7: Cross-market linkages <i>Chair: Bing-Yue Liu, Beihang University</i>	Meeting ID: 549 451 899	
1. Complex causalities between carbon market and high-carbon emission industries stock markets in China <i>Xiaotian Sun, Xiangyun Gao, Haizhong An, Tao Wu</i>		
2. Risk spillover between energy and Chinese stock market: An EVT-time varying copula model <i>Yun Gu, Mengmeng Guo</i>		
3. The effect of geopolitical risks on the correlation among emerging stock markets with gold and oil prices? <i>Jiangbai Huang, Yingli Li, Wang Gao, Hongwei Zhang</i>		
4. Heterogeneity: The impacts of different oil price movements on China's stock market <i>Feng Liu, Chuanguo Zhang</i>		
5. How does investor influence the extreme risk spillover between oil and stock markets in Asia <i>Yan-Ran Ma, Fei Wu, Qiang Ji</i>		
Session 8: Oil price uncertainties and financial market <i>Chair: Xiaohua Xia, Renmin University of China</i>	Meeting ID: 487 907 399	
1. The asymmetric relationship between oil uncertainty and exchange rates: A quantile-on-quantile approach <i>Zhi Su, Xuan Mo, Libo Yin</i>		
2. Oil price uncertainty and stock market momentum <i>Zhaobo Zhu, Licheng Sun</i>		
3. Interconnectedness between international oil volatility and network structure of stock returns in China: Quantile-based causality modelling and shock decomposition <i>Jionghao Huang, Xiaohua Xia</i>		
4. The impact of coal price fluctuation on the performance of China's banking industry <i>Boqiang Lin, Chonghao Wang</i>		
5. Does oil shock affect the risk of Bank of China <i>Yu Ma, Yang Zhang</i>		
15:10-15:30	Tea break	

DETAILED PROGRAMME

Saturday, October 24 2020		
15:30-17:40	Session 9: Innovation Chair: Yanmin Shao, University of Science and Technology Beijing	Meeting ID: 679 289 110
	1. The effect of green finance policy on firm's green innovation: Evidence from China <i>Jun Li, Dayong Zhang</i>	
	2. An empirical study on the impact of China's gasoline & diesel consumption tax and tariff policies on the innovation and technology level of Chinese automobile enterprises <i>Yuanyan Chen, Jixuan Wu</i>	
	3. Green technology innovation: The effects of executives with different work experience <i>Yanmin Shao</i>	
	4. Indigenous innovation, technology introduction and provincial carbon emissions in China: Evidence from penalized quantile regression <i>Boqiang Lin, Ruiyang Ma</i>	
	5. The interactive effects of green credit and political ties on firm's innovation: Empirical investigation from China's green industries <i>Kai Chang</i>	
	Session 10: Green finance Chair: Rui-Ke Ye, Zhejiang University of Technology	Meeting ID: 583 254 239
	1. Green finance, industrial structure and energy consumption <i>Jingyu Jin, Bangjuan Xiong</i>	
	2. Machine learning approaches for explaining determinants of the green credit assessment in heavy-polluting enterprises: An empirical analysis based on 40 listed companies of China <i>Boqiang Lin, Rui Bai</i>	
	3. The impact of energy equity fund scale on performance in China <i>Xinying Huang, Yamei Guan</i>	
	4. Carbon emissions, technology upgradation and financing risk of green energy <i>Tao Wu, Chih-Chun Kung, Teng Ge</i>	
	5. Natural gas security evaluation from a supply-demand perspective <i>Rui-Ke Ye, Yun-heng Zhou, Jia-wei Chen, Kevin Tu</i>	
	Session 11: ETS Chair: Yue-Jun Zhang, Hunan University	Meeting ID: 647 988 229
	1. Manipulation via endowments: Quantifying the inefficiency caused by market power in an emissions trading scheme <i>Xu Wang, Lei Zhu</i>	
	2. The influence mechanism of carbon emission trading on service sector carbon emissions: Evidence from Beijing and Shanghai <i>Yue-Jun Zhang, Hao-Sen Cheng</i>	
	3. How does urbanization affect the catch-up of carbon emissions changes in China's logistics industry? Based on dynamic spatial-temporal decomposition analysis <i>Bingquan Liu, Xuran Chang</i>	
4. Carbon emissions trading scheme and environmental directed technical change <i>Huacheng Zhong, Qingfei Xu, Ian Fraser Sanderson</i>		
5. Factor analysis and forecasting of carbon price in China ETS based on structural changes and deep learning model <i>Boqiang Lin, Chongchong Zhang</i>		
Session 12: ADB Institute Session Dayong Zhang, Southwestern University of Finance and Economics	Meeting ID: 200 165 629	
1. Private investment in renewable energy: The drivers of alternative sources of financing <i>Dina Azhgaliyeva, John Beirne, Ranjeeta Mishra</i>		
2. Feeling the heat: Climate risks and the cost of sovereign borrowing <i>John Beirne, Nuobu Renzhi, Ulrich Volz</i>		
3. Does environmental awareness fuel the electric vehicle market? A keyword twitter analysis <i>Leonhard M. Austmann, Samuel A. Vigne</i>		
4. Policy Support in Promoting Green Bonds in Asia: Longitudinal Multilevel Model <i>Dina Azhgaliyeva, Zhanna Kapsalyamova</i>		
Session 13: Information disclosure Chair: Xiaoqian Zhu, Chinese Academy of Sciences	Meeting ID: 276 374 771	
1. Regulatory effect of improving environmental information disclosure on environmental tax: From the perspectives of time and industry heterogeneity <i>Jin Zhu Zhang, Yu Liu, Meifang Zhou, Boyang Chen, Wei Zhang</i>		
2. The effect of online environmental news on stock return of green industry <i>Gaoshan Wang, Guangjin Yu, Changyu Liu</i>		
3. Does the soft information in financial reports clues corporate fraud? Evidence from the energy industry <i>Guowen Li, Xiaoqian Zhu, Jianping Li</i>		
4. Does mandatory CSR disclosure improve stock price informativeness? Evidence from China <i>Chunying Guo, Baocheng Yang, Ying Fan</i>		
5. Can environmental message framing promote low carbon behavior? Evidence from behavioral experiments study <i>Liang Li</i>		
Session 14: Risk spillovers Chair: Jiangbo Geng, Zhongnan University of Economics and Law	Meeting ID: 692 737 558	
1. A robust hybrid method using dynamic network analysis and weighted mahalanobis distance for modelling the systemic risk in the international energy market <i>Shi Xiong, Weidong Chen</i>		
2. Risk contagion from crude oil to RMB onshore and offshore markets <i>Yang Liu, Liyan Han, Yang Xu</i>		
3. Extreme risk spillover network of China's listed energy companies <i>Qiang Ji, Wanli Zhao, Ying Fan</i>		
4. Volatility spillovers between climate change risk perception and China's energy-related markets <i>Min Hu, Dayong Zhang</i>		
5. Fluctuation characteristics of Carbon Emission Trading market in China <i>Limei Sun, Shuhan Xia</i>		
Session 15: Environmental issues in a global perspective Chair: Xu Tang, China university of Petroleum, BeiJing	Meeting ID: 549 451 899	
1. Climate risk and location choice of cross-border M&A: Evidence from Chinese firms <i>Dayong Zhang, Jun Li, Yajie Chen</i>		
2. Outward Foreign Direct Investment and Carbon Emission in the Home Country from Spatial Spillover Perspective <i>Xiangyou Wu, Xueping Liu</i>		
3. Bridging production factors allocation and environmental performance in China's energy firms: The moderating effect of internationalization <i>Tiansen Liu, Yazhi Song</i>		
4. Growth in PM2.5 emission transfers via international trade in developing economics <i>Yuqing Jiang, Xu Tang, Xiaorong Zhao</i>		
5. Are southerners willing to adopt and pay for district heating? <i>Boqiang Lin, Huanyu Jia</i>		
Session 16: Impacts of COVID-19 Chair: Kun Guo, University of Chinese Academy of Sciences	Meeting ID: 487 907 399	
1. Jump behavior of commodity markets during COVID-19 epidemic <i>Xingyu Dai, Qunwei Wang</i>		
2. Analysis of the mutual impact between crude oil prices and stock markets of the belt and road countries under the background of covid-19 <i>Xinyue Ren, Zhenni Jin, Kun Guo, Yong Shi</i>		
3. Dynamic spillovers among oil, gold and stock markets in the presence of major public health emergencies <i>Xuehong Zhu, Jianhui Liao, Jinyu Chen</i>		
4. Near real-time monitoring of daily CO2 emission during the covid-19 pandemic <i>Zhu Deng, Zhu Liu</i>		
5. How does investor sentiment affect Chinese crude oil futures prices before and during Covid-19? —Empirical research based on TVAR model <i>Xiaodong Zhu, Xirong Xun</i>		

DETAILED PROGRAMME

Sunday, October 25 2020		
09:00-10:40	Session 17: Forecasting Chair: <i>Yudong Wang, Nanjing University of Science & Technology</i>	Meeting ID: 745 435 001
	1. The role of uncertainty measures in volatility forecasting of crude oil futures market before and during the COVID-19 pandemic <i>Zibo Niu, Feng Ma, Hongwei Zhang</i>	
	2. Forecasting the volatility of basis in crude oil market: Univariate models versus multivariate models <i>Qianjie Geng, Yudong Wang</i>	
	3. Forecasting the real prices of crude oil using robust regression models with regularization constraints <i>Xianfeng Hao, Yuyang Zhao, Yudong Wang</i>	
	4. Forecasting European carbon returns using dimension reduction techniques: Commodity versus financial fundamentals <i>Xueping Tan, Kavita Sirichand, Andrew Vivian, Xinyu Wang</i>	
	Session 18: Carbon pricing Chair: <i>Dehua Shen, Tianjin University</i>	Meeting ID: 662 719 150
	1. Policy interactions and carbon price level in China: Based on an integrated model of CGE model and CE3METL model in power sector <i>Yongna Yuan, Hongbo Duan, Na Li</i>	
	2. Impact of carbon allocation policy announcement on carbon price: A case study in Guangdong province <i>Yi Wang, Yuanru Meng, Dongxu Ji</i>	
	3. Investor attention and the pricing of carbon emission market in China: A nonparametric wavelet-based causality test <i>Yue Li, Dehua Shen</i>	
	4. Optimal multi-scale nonlinear ensemble model coupled gaussian process with error correction for carbon price interval forecast <i>Jujie Wang, Shiyao Qiu, Ling Liu, Jianping Li</i>	
	5. The transmission mechanism among markets of carbon trading, metals, crude oil and electric vehicle <i>Hui Yu, Yinghui Ding, Qingru Sun, Chao Li</i>	
	09:00-10:40	Session 19: Futures and commodity markets Chair: <i>Libing Fang, Nanjing University</i>
1. Energy futures as an inflation hedge in a time-varying coefficient framework <i>Zhiping Zhou, Chunbo Liu</i>		
2. Volatility communicator or receiver? Investigating the volatility spillover mechanisms among cryptocurrency, energy and major commodities <i>Shangrong Jiang, Yuze Li, Quanying Lu, Shouyang Wang, Yunjie Wei</i>		
3. Spillover dynamics among commodities along the Chinese oil industrial chain: From the perspective of multidimensional networks <i>Yajie Qi, Huajiao Li, Sida Feng, Sui Guo, Yanxin Liu, Bowen Sun</i>		
4. Givers never lack: Nigerian oil & gas asymmetric network analyses <i>David Iheke Okorie, Boqiang Lin</i>		
5. Measurement the financing efficiency of carbon market in China: An empirical study based on pilot market <i>Yazhi Song, Yin Li</i>		
Session 20: Corporate behavior Chair: <i>Huiming Zhang, Nanjing University of Information Science & Technology</i>		Meeting ID: 163 555 746
1. The effect of the negative oil price shock on China's corporate investment: A difference-in-difference analysis <i>Guangzhong Li, Xinheng Liu, Hui Ding</i>		
2. Oil price shocks, geopolitical risks and corporate innovation <i>Chin-Hsien Yu, Xiuqin Wu, Dayong Zhang, Jinsong Zhao</i>		
3. The risk and performance of the energy industrial firms with stock pledge in China <i>Zaiwen Ni, Libing Fang, Haiyue Liu, Xinyu Lu</i>		
4. Do political connections increase the effectiveness of corporate poverty alleviation? an evidence from China <i>Huiming Zhang, Jiyong Huang, Kai Wu, Shouyang Wang, Christian Nygaard, Yueming Qiu</i>		
5. The nexus of monetary policy and energy company risk in China <i>Lin, Boqiang, Wu Nan</i>		
09:00-10:40	Session 21: Environment and corporate finance Chair: <i>Xiujie Tan, Wuhan University</i>	Meeting ID: 326 316 377
	1. How do oil price shocks and uncertainty affect corporate environmental performance? <i>Jinsong Zhao, Xinghao Li, Dayong Zhang, Chin-Hsien Yu</i>	
	2. Does the financial structure promote energy conservation and emission reduction? An empirical study from China <i>Boqiang Lin, Yicheng Zhou</i>	
	3. The effect of carbon market policy adjustments on the share price of covered firms: Evidence from Chinese firm-level data <i>Xiaoqi Huang, Wei Liu, Xiujie Tan</i>	
	4. Study on the evaluation and influence factors of high quality development of China's energy finance—take a-share new energy company as an example <i>Sheng Zeng, Yuan Gao, Yuwei Qu</i>	
	5. Does off-farm work reduce energy poverty? Evidence from rural China <i>Boqiang Lin, Hengsong Zhao</i>	
	Session 22: Carbon emission and pollution Chair: <i>Yan Xia, Chinese Academy of Sciences</i>	Meeting ID: 981 560 772
	1. Measuring the carbon emission effect of outward direct investment: Theory and evidence from the "China-host country" perspective under the background of the "belt and road initiative" <i>Qingyan Jiang, Yan Xia</i>	
	2. The influence channels of financial development on CO2 emissions—new perspective from a functional-coefficient approach <i>Xin Xu, Shupe Huang, Haizhong An</i>	
	3. Carbon footprints of the city of Hong Kong and Macao <i>Xinyu Dou, Zhu Liu</i>	
	4. Multi-region multi-sector contributions to drivers of air pollution in China <i>Qunwei Wang, Ye Hang, Yizhong Wang, Wei Zhang, Feng Wang</i>	
	5. Does carbon emissions trading promote green technology innovation in China? <i>Wei Zhang, Guoxiang Li, Fanyong Guo, Danyang Di</i>	
10:40-11:00	Tea break	
11:00-12:00	Closing Ceremony Best Paper awards Next conference announcement Closing Remarks	Meeting ID: 372 336 689

ICEF FOOTPRINTS



CONFERENCE CONTACTS

Website
<http://www.cnefn.com>

Email
energyfinance@126.com