



Data Envelopment Analysis International Conference 2018 Joint with Innovative management Workshop

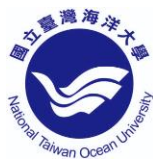
2018 數據包絡分析國際研討會暨創新管理暨工作坊

DAY1 (Wednesday, June 13)

On-site Registration: open 8 a.m.
 Participants check-in hotel located in Ming Chuan Hotel

DAY2 (Thursday, June 14)

Time	Agenda			Venue
09:00~09:05	Opening Ceremony			J616 International Conference Hall
09:05~09:30	Welcome Address by President Chuan Lee, Ming Chuan university Welcome Address by Professor Joe Zhu, Worcester Polytechnic Institute			
09:30~09:45	Group Photo			
09:45~10:00	Coffee break			
10:00~10:50	Plenary Session Keynote Speech Address by Professor Wade D. Cook Topic: Data Envelopment Analysis with Dependent DMUs Host: Tsu-Tan Fu			
10:50~11:40	Plenary Session Keynote Speech Address by Professor Joseph C. Paradi Topic: DEA Communications, the Good, the Bad and the Ugly Host: Tsu-Tan Fu			
11:40~13:30	Lunch			
13:30~14:20	Plenary Session Invited Speech Address by Professor Sungmook Lim Topic: Primal-dual correspondence and frontier projections in two-stage network DEA models Host: Kun Chen			J616 International Conference Hall
14:30~15:50	Parallel Session 1			
	J505	J506	J507	
	Session 1A Session Chair: Mehdi Toloo	Session 1B Session Chair: Erhan Berk	Session 1C Session Chair: Yin-Sheng Yang	
15:50~16:10	Coffee Break			
16:10~17:30	Parallel Session 2			
	J505	J506	J507	
	Session 2A Session Chair: Wei-Wei Zhu	Session 2B Session Chair: Wei-Jun He	Session 2C Session Chair: Yu Yu	
18:00	Banquet			

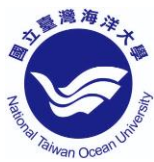


DAY3 (Friday, June 15)

Time	Agenda			Venue
09:00~09:50	Plenary Session Invited Speech Address by Professor Wen-Bin Liu Topic: DEA Estimation of Directional Scale Elasticity Host: Song Han			J616 International Conference Hall
09:50~10:40	Plenary Session Invited Speech Address by Professor V. Charles Topic: Firm performance versus regional competitiveness and social progress: A quick snapshot Host: Ming-Miin Yu			
10:40~10:55	Coffee Break			
10:55~11:45	Plenary Session Keynote Speech Address by Professor C. Kao Topic: A classification of slacks-based efficiency measures in network data envelopment analysis Host: Shih-Nan Hwang			
11:45~14:00	Lunch			
14:00~15:20	Parallel Session 3			
	J505	J506	J507	
	Session 3A Session Chair: Cheng-Ping Cheng	Session 3B Session Chair: Zhi-Xiang Zhou	Session 3C Session Chair: Ying-Ming Wang	
15:20~15:40	Coffee Break			
15:40~17:00	Parallel Session 4			
	J505	J506	J507	
	Session 4A Session Chair: Sunil Kumar	Session 4B Session Chair: Ashish Chopra	Session 4C Session Chair: Wen-Bin Liu	
17:00~17:30	Closing Ceremony & Announcements of Awards			

DAY4 (Satday, June 16)

Time	Agenda	Venue
09:30~10:20	Workshop I	
10:20~10:40	Coffee Break	
10:40~11:30	Workshop II	
11:30~14:00	Lunch	
14:00~15:20	Workshop III	
15:20~15:40	Coffee Break	
15:40~17:00	Workshop IV	



Session 1A

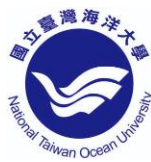
- On complexity of nonparametric efficiency analytics in stochastic environments
Kun Chen & Joe Zhu
- Nash equilibrium in data envelopment analysis
Chia-Yen Lee
- Flexible measures with different returns to scale
Mehdi Toloo & Esmail Keshavarz
- Estimating productivity change in a stochastic non-parametric distance function approach
Yu Zhao & Hiroshi Morita

Session 1B

- Frontier construction, DEA and network DEA models for two-stage systems
Qian-Ying Jin & Zhong-Bao Zhou & Tian-Tian Ren & Wen-Bin Liu
- Measuring and evaluating air force effectiveness using data envelopment analysis
Erhan Berk
- Performance evaluation of green supplier selection problem using DEA-intuitionistic fuzzy MCDM method
Babak Daneshvar Rouyendegh & Abdullah Yildizbası

Session 1C

- Efficiency measurement with products and partially desirably co-products
Wang-Hong Li & Wade D. Cook
- The performance evaluation of the family farms by using DEA integrated with Orthogonal layout experiment under different combination of inputs and outputs
Qian-Wei Zhuang & Yin-Sheng Yang
- Assessing the efficiency profiles of operating environments in the banking sector: an international study
Skarleth Carrales & Jamal Ouenniche
- Environmental regulatory efficiency and its influencing factors in China: an entropy SBM model with weak disposability
Jie-Xin Tang & Qun-Wei Wang
- A DEA-based decision support reverse auction model for buyer and sellers in electronic procurement
Po-Yuan Shih & Dong-Her Shih & Tzu-Shen Huang



Session 2A

- A fuzzy α -Slacks-Based measure of efficiency in data envelopment analysis
Qaiser Farooq Dar & Dong-Her Shih & Tirupathi Rao Padi & V. Charles
- Determining common weights in data envelopment analysis based on weighted distance
Ya-Qin Zhu & Yu Yu & Wei-Wei Zhu
- Centralized fixed cost allocation for generalized two-stage network DEA
Tao Ding & Hua-Qing Wu & Liang Liang
- Replaceable hierarchical network DEA
Tzu-Pu Chang

Session 2B

- An efficiency evaluation of cricket players: a data envelopment analysis approach
Zahoor ul Haq Bhat & D. Sultana & Showkat Bashir Lone & Qaiser Farooq Dar
- Estimation and allocation of cost savings from collaborative CO₂ abatement in China
Wei-Jun He & Yi Yang & Zhao-Hua Wang & Joe Zhu
- A sequential Malmquist -Luenberger productivity index of dynamic DEA model with network structure
Pooja Bansal & Aparna Mehra

Session 2C

- Efficiency measurement for hierarchical network systems: a case of financial holding companies in Taiwan
Chen-Yu Kao & Cheng-Ping Cheng & Manh-Trung Phung
- Super-efficiency DEA based on directional distance function in the presence of infeasibility: a parameterized approach in outputs
Sheng-Chieh Su & Hsuan-Shih Lee
- Dealing with undesirable outputs in DEA: an aggregation method for a common set of weights
Mei Xu & Wei-Wei Zhu & Yu Yu
- A new cluster analysis for the major international container ports based on the DEA approach
Guo-Ya Gan & Hsin-Yun Chang & Hsuan-Shih Lee
- Ranking DMUs by using interval DEA cross efficiency matrix with prospect theory
Yu Yu



Session 3A

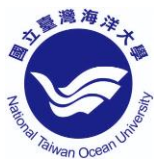
- Financial Deregulation and Efficiency of Indian Banking Industry
Mohammad Shahid Zaman & Anup Kumar Bhandari
- Evaluating performance of NBA teams: an alternative double non-homogeneous DEA approach
Yu-Qi Wei & Min Yang & Wan-Ting Hu & Jing-Jing Ding
- Source of growth analysis at industry-level for selected Asian economies using DEA malmquist and Asia KLEMS data bases
Hao-Tsung Chen & Tsu-Tan Fu
- A Study on the Efficiency of Cruise ports in China
Shu-Ruei Jhang & Qian-feng Wang & Hsuan-Shih Lee
- Bootstrapped malmquist indices of Taiwan's international tourist hotels
Jin-Quan Tang & Hsiao-Fen Hsiao & Yang Li

Session 3B

- Efficiency analysis of air pollution and hotel industry of China
Yang Li & Xiao-Ying Guo & Wei Wei
- Advanced network DEA model for measuring the efficiency of Chinese commercial banks with bad loan
Zhi-Xiang Zhou
- Resource Allocation with Consideration of Fairness Based on Efficiency Analysis
Tao Du & Lun Ran & Jin-Lin Li & Ran Zhang

Session 3C

- Research on the efficiency of China's open-end fund - based on a two-stage Network DEA model
Song Han & Deyin Jia
- DEA a tool to predict bankruptcy
Fai Tam & Angela Tran Kingyens & Joseph C. Paradi
- A data envelopment analysis application in performance appraisal for project human resource management: a case study in IC design company
Tzu-Hsuan Lo & Shihping Kevin Huang & Chia-Yu Hsu
- Regional industrial efficiency analysis of China: an interval enhanced russell measure approach with undesirable outputs
Xu Wang & Yi-Xin Lan & Ying-Ming Wang & Bin-Yan Wen
- Study of haze emission efficiency based on new co-opetition DEA
Yu-Feng Chen & Xian-Hua Wu & Peng Zhao & Ji Guo



Session 4A

- A malmquist productivity index for assessing photovoltaic program in Belgium
Adel Hatamimarbini & Seyed Mojtaba Sajadi & Mona Alibeik
- Does firm performance matter while going public? Evidence from India
Vipin Valiyattoor & Mohammad Shahid Zaman & Sabuj Kumar Mandal
- Three-stages network data envelopment analysis: an application to equity mutual funds in Taiwan
Chia-Jui Li & Manh-Trung Phung & Cheng-Ping Cheng
- Efficiency of Indian public sector banks in presence of undesirable output: An application of directional distance function approach
Sunil Kumar

Session 4B

- Measuring efficiency changes in two-stage with feedback production systems by data envelopment analysis
Xian-Mei Wang & Han-Hui Hu & Cheng-Yang Xie
- Benchmarking water sector performance of Indian states using multidimensional Water Poverty Index
Ashish Chopra & Parthasarathy Ramachandran

Session 4C

- Super-efficiency DEA based on directional distance function in the presence of infeasibility: a parameterized approach in inputs
Yan-Yu Chen & Hsuan-Shih Lee
- Evaluating Performance of the Restaurant Companies: Application of the Meta-frontier Approach
Chia-Ning Chiu
- Analyses of demand characteristics based on a novel nonparametric method with an application to Huangshan short-term apartments sharing data
Dan Hu & Chen-Peng Feng & Jing-Jing Ding & Min Yang
- 基於偏好排序的江蘇省創新指數評價方法研究
朱衛未 & 朱亞琴 & 于娛
- 基於逆 DEA 方法的中國可持續發展投資分析
陳磊 & 王應明 & 藍以信