# Table of Contents

## 2019 10th International Conference on E-business, Management and Economics (ICEME 2019)

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preface</td>
<td></td>
<td>vii</td>
</tr>
<tr>
<td>Conference Committee</td>
<td></td>
<td>viii</td>
</tr>
</tbody>
</table>

- **Session I- Econometrics**
  
  A Comparative Study between Carbon Tax and Carbon Trading Scheme based on DSGE .......................................................... 1  
  Lixiang Zhao, Chuxiao Yang  

  GRP Econometric Models for Regions of Ukraine ............................................................................................................... 6  
  Maryna Demianchuk, Natalia Maslii, Valerijs Skribans  

  Study on Spatial Econometrics Research on Inter-provincial Fiscal Policy Environmental Governance Efficiency in China .............................................................................................................. 12  
  Xiaohui Zhu, Binglin Li

- **Session II- International Economy and Trade**
  
  Comparative Analysis of China-Indochina Peninsula Infrastructure Index under the Background of the Belt and Road initiative ............................................................................................................. 21  
  Guanzi Hu, Cheng Zhong  

  OBOR Economic Impact in Ivory Coast-China Agricultural Investment Prospect ................................................................. 26  
  Fofana Nina Kadidiatou, Ma Baolong

- **Session III- Public Finance**
  
  A Mixture Approach with Some Bayesian Models: Application to Determining Effective Variables of Fiscal and Monetary Policy on Economic Growth ................................................................. 33  
  Asemeh Gholamreza Amiri, Zong Gang, Alireza Mazinani  

  Prediction of the Impact of Comprehensive Property Tax on Local Fiscal Revenue: Take Chongqing as an Example.  40  
  Yuan Fu, Gui Ye

- **Session IV- Innovation and Enterprise Management**
  
  The Multi-case Analysis on the Factors of Source Innovation—Based on the ISM ........................................................................ 45  
  He Yongqing, Pan Jieyi  

  Self-efficacy, Opportunity Recognition and Business Ideas ..................................................................................................... 51  
  Donata Sobakinova, Yan Zhou, Karrar Abdulelah Azeez Aureaar  

  Decision support systems: perspectives for Russian industrial companies ............................................................................. 57  
  A.O. Loyko, S.A. Gusev  

  Person-Organization Fit and Employees’ Voluntary Turnover with the Effects of Job Satisfaction in Hotel Industry .... 61  
  Yan Zhen, Zuraina Dato’ Mansor, Choo Wei Chong
Analysis on Development and Utilization of Standard Archive Information Resources........................................65
   Lixin Yin, Dongjian Liu
Integration of Talent Training and Corporate Culture in the field of Space Environment Simulation .....................70
   Jie Gong, Yangyang Liu, Xian Zhang, Ying Zhou
Does Corporate Performance Influence the High Transfer Type Chosen by Companies? Research of Empirical Data based on Chinese Listed Companies .................................................................74
   Xiu Wen, Jiaren Zhao, Xiaoming Zhang
The Most Efficient Use of the Real Estate Property in Managerial Decision Making ........................................80
   Olga Munoz, Aleksey Malyugin, Ekaterina Kolotovkina
Research on Comprehensive Evaluation System of Property Service Enterprises ..............................................85
   Fei Zhou, Yingqi Liu, Rui Xi
Application Research of Balanced Scorecard in Performance Assessment of Public Hospitals ..........................90
   Di Lu, Chenyu Wang
Optimal Task Assignment based on Incentive Design in the Virtual Enterprise: A principal-agent Perspective ....95
   Junru Lu, Zhiping Zhou
Research on the Impact of Task Feedback on the Performance of Creative Crowdsourcing Solvers ..................101
   Aining Chi, Nan Ren
Psychological Contract and Turnover Intention: The Moderating Role of Social Network ............................106
   Yan Zhen, Zuraina Dato Mansor, Abdul Rashid Abdullah

• Session V- Business Intelligence

Improving Purchase Forecast for Cosmetics by Modelling Customer Purchase Behavior ..................................110
   Yeajou Shiau
One Retail Sales Prediction with Integrated Framework of K-mean and Neural Network ..................................115
   You Lingxian, Kou Jiaqing, Wang Shihuai
Customer Requirements Analysis for Space Environment Simulation Equipment based on Quality Function Deployment and KANO Model ..........................................................119
   Xian Zhang, Wei Leng, Ying Zhou, Yangyang Liu, Lei Zhang
Research on Weapon Equipment Acquisition Benefit Evaluation Based on Artificial Neural Network ............123
   Li Xiaosong, Ji Ting, Liu Tian, Li Zenghua,
Research on the Effect of Skill Mismatch on Skill Development and Job Satisfaction among Graduates ..........128
   Xi Song, Xin Huang, Kaishan Huang
Review of Business Model Innovation .............................................133
   Yongan Zhang, Tianyue Zhang
Research on Monitoring the International Dissemination of Chinese based on Web Search Data——Multilingual Direction ...........................................................................................................138
   Ting Yu, Chong Zhang, Jingyi Wang

• Session VI- E-Commerce

Consumer Trust Online as a Determinant of E-commerce Development: a Case of Poland ..............................142
   Felicjan Bylok, Arnold Pabian, Marcin Zawada, Robert Kuciba
How Do Online Prices Affect Consumer Purchases: A Moderated Mediation Model .....................................146
   Wen Yang, Yi-Wen Chen, Jie Chen, Sha Yang
Preferences and Behaviours of Internet Users in Poland E-business Perspective ...................................................... 153
Arnold Pabian, Felicjan Bylok, Marcin Zawada, Robert Kuczeba,

A Study on Current Situation and Countermeasures of Agricultural Products Exported by E-commerce in SMEs——
Taking Hubei Province as an Example ................................................................................................................... 157
Mingli Zhang, Yanling Fan

Determinants of Retail Online Shopping-Seller’s Perspective .................................................................................. 161
Robert Kuczeba, Arnold Pabian, Marcin Zawada, Felicjan Bylok

• Session VII- Finance and Banking

The Impact of Internet Finance in an Open Economy .............................................................................................. 166
Chen Chiou-Wen, Fang Chu

Research on Risk Supervision and Similarities and Differences of Demand for Consumer Finance Based on Difference
in the Education Level .............................................................................................................................................. 170
Fengjuan Liu, Lixin Qu, Xiaolian Zhou

Predictive Modeling of Stock Indexes Using Machine Learning and Information Theory ................................. 175
Li Xingzhou, Ren Hong, Zhong Yujun

An Investigation of Graph Theory Application on Portfolio Investment ............................................................. 180
Tsun Fung Leung, Tsun Ho Leung

Design and Research on Sharing Mode of Campus-oriented Express Pickup Service ............................................. 184
Chenyu Liu, Xiaoxin Huang, Wenchao Bai

Fraud Payment Research- Payment through Credit Card ...................................................................................... 189
Tien Yu Huang, Chih Huang

Advantages and Disadvantages of Third Party Payment Method and Traditional Payment Method .................... 195
Zhiyong Zhang, Mingxu Chen

Pricing General Best of Power Option .................................................................................................................. 199
Peng Bin, Peng Fei

• Session VIII- E-Government

Challenges and Explorations in the Establishment of Administrative Standard System ............................................. 203
Zhao Wenhui, Wang Yiyi

Development of a Distributed Blockchain eVoting System .................................................................................... 207
Ishaku Liti Awalu, Park Hung Kook, Joa San Lim

• Session IX -Project Management

Applying Work Breakdown Structure Technology in Standardization Organizations Evaluation ............................. 217
Wei Pan, Lixin Yin, Huan Chen

Impact of Smart Grid Intelligent Networks on Energy Efficiency Improvement .................................................. 221
Marcin Zawada, Arnold Pabian, Robert Kuczeba, Felicjan Bylok

Research on Risk Management of Scientific Research Projects ........................................................................ 226
Wei Leng, Xian Zhang, Jie Gong, Ying Zhou, Yangyang Liu
• **Session X-Marketing**

Exploring the Antecedents of Conspicuous Consumption and Posting Behavior of Conspicuous Consumption on Instagram .................................................................................................................. 229

_Hsiu-Hua Cheng, Tzu-Jui Fu_

Impact of Shoe Clash on Product Disposal Intention of High School Students .................................................................................................................. 234

_Rui Guo, Yi-Wen Chen, Sha Yang_

Analysis of College students’ Tourism behavior based on Gender Difference ............................................................................................................. 239

_Yang Jiaxin, Zhu Yingbo_

Building Competitive Advantage through Innovation and Customer Value to Foster Purchase Intention ............................................. 244

_Yasri, Erni Masdupi, Muthia Roza Linda, Rahmiati, Erly Mulyani_

Comparison of Marketing Sales of Potato Products in Indonesia .................................................................................................................. 248

_Haryadi Sarjono, Berliana Nathalia Jadi, Bambang Leo Handoko_

The Diversified Insurance Marketing Channels Driven Development of Consumer Behaviour .................................................................................. 253

_Sheng-Feng Shih, Chao-Ying Li, Meng-Chen Lin_

Application of UTAUT Theory in Higher Education Online Learning ............................................................................................................. 259

_Bambang Leo Handoko_

• **Session XI-Supply Chain and Logistics Management**

Discussion on the Supply Chain Management Mode of China's Cross border E business......................................................... 265

_Xinjie Luo, Xiaodong Qiu, Haodong Xu_

ICT Usage and Supply Chain Agility: the Moderating Effect of Supply Chain Complexity ..................................................... 269

_Menglin Liu, Jiali Li_

Supply Chain for Potato Products in Tawangmangu, Central Java, Indonesia .......................................................................................... 274

_Haryadi Sarjono, Berliana Nathalia Jadi, Bambang Leo Handoko_

Emergency Material Transportation Considering the Impact of Secondary Disasters ....................................................... 279

_Siyu Zhang, Hua Yi_

Research on Optimization Scheme of Vehicle Selection in Urban Distribution Scene ......................................................... 286

_Shao Jia-hui, Li Chun-yan_

Authors Index