

Lecture Notes in Business Information Processing

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The Ecosystem of e-Business: Technologies, Stakeholders, and Connections

17th Workshop on e-Business, WeB 2018
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Revised Selected Papers

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Preface

The Workshop on e-Business (WeB) is a premier annual conference on e-business and e-commerce. The purpose of WeB is to provide an open forum for researchers and practitioners to discuss findings, novel ideas, success stories and lessons learned, to map out major challenges, and to collectively chart future directions for e-business. Since 2000, WeB has attracted valuable and novel research that covers both the technical and managerial aspects of e-business. The 17th Annual Workshop on e-Business (WeB 2018) was held in Santa Clara, California, USA, on December 12, 2018.

The theme of WeB 2018 was “The Ecosystem of e-Business: Technologies, Stakeholders, and Connections.” The pace of technology-enabled business innovations has been accelerating. The emerging technologies and new business models have not only transformed traditional e-business firms and markets, but have also changed both the roles of stakeholders and the connections in business networks. New technologies such as data analytics and artificial intelligence have been applied to enhance the efficiency and effectiveness of e-business transactions and to facilitate better decision-making. Disruptive technologies such as blockchain have the potential to overturn the way in which business is being conducted, whereas the sharing economy is impacting global markets. All of these changes, in turn, will also shape the ecosystem of e-business.

WeB 2018 provided an opportunity for scholars and practitioners to exchange ideas and share findings on these topics. Original research articles addressing a broad coverage of technical, managerial, economic, and strategic issues related to consumers, businesses, industries, and governments were presented at the workshop. These articles employed various IS research methods such as survey, analytical modeling, experiments, computational models, and design science.

Among 41 papers presented at WeB 2018, 19 papers were selected to be published in this volume of LNBIP. We would like to thank all the reviewers for their time and effort and for completing their review assignments on time despite tight deadlines. Many thanks to the authors for their contributions.

May 2019

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Contents

Social, Policy, and Privacy Issues

Impact of Social Media on Real Estate Sales	3
<i>Hui Shi, Zhongming Ma, Dazhi Chong, and Wu He</i>	

An Ecological Business Model for Intelligent Operation and Maintenance of Urban Infrastructure	15
<i>Juan Du, Xin Wang, and Vijayan Sugumaran</i>	

Data-Driven Business Models and Professional Services Firms: A Strategic Framework and Transitional Pathways	26
<i>Erwin Fiel, Kevin C. Desouza, Guy Gable, and Peter Westerveld</i>	

Impacts of Information Provision and Visualization on Collaborative Decision Making.	39
<i>Anh Luong, Karl R. Lang, and Shadi Shuraida</i>	

Why Monetary Gift Giving? the Role of Immediacy and Social Interactivity	46
<i>Bingjie Deng and Michael Chau</i>	

Revealing the Black Box of Privacy Concern: Understanding How Self-disclosure Affects Privacy Concern in the Context of On-Demand Services Through Two Competing Models.	53
<i>Chenwei Li and Patrick Y. K. Chau</i>	

e-Market

Competitive Analysis of “Buy Online and Pick Up in Store” Channel	65
<i>Ronghui Wang, Lin Chen, Haiyang Feng, Guofang Nan, and Mingqiang Li</i>	

An Empirical Analysis of Brand Effects on Online Consumer Repurchase Behavior After Unsatisfied Experience	78
<i>Xiaojun Luo and Dan Ke</i>	

How to Sell Your House for More?.	91
<i>Guohou Shan, Dongsong Zhang, Lina Zhou, and James Clavin</i>	

How Do Novice Consumers Learn from Online Expert Reviews?	99
<i>Zhuolan Bao and Michael Chau</i>	

FinTech

An Empirical Investigation of Equity-Based Crowdfunding Campaigns
in the United States. 111
Son Bui and Quang “Neo” Bui

How Content Features of Charity Crowdfunding Projects Attract Potential
Donors? Empirical Study of the Role of Project Images and Texts 124
DongIl Lee and JaeHong Park

Do Achievement Goals and Work Nature Affect Contributor
Performance in Gamified Crowdsourcing? An Exploratory
Study in an Academic Setting. 132
Philip Tin Yun Lee, Richard Wing Cheung Lui, and Michael Chau

Is a Blockchain-Based Game a Game for Fun, or Is It a Tool for
Speculation? An Empirical Analysis of Player Behavior in Crypokitties. 141
Jaehwan Lee, Byungjoon Yoo, and Moonkyoung Jang

Artificial Intelligence

You Are Not You When You Are Hungry: Machine Learning
Investigation of Impact of Ratings on Ratee Decision Making 151
Abhishek Kathuria and Prasanna P. Karhade

Ensemble Classification Method for Imbalanced Data
Using Deep Learning. 162
Yoon Sang Lee

Color Trend Forecasting with Emojis. 171
Wenwen Li and Michael Chau

Artificial Intelligence (AI) and Cognitive Apportionment
for Service Flexibility 182
Xue Ning, Jiban Khuntia, Abhishek Kathuria, and Benn R. Konsynski

How Long Will Your Videos Remain Popular? Empirical Study
of the Impact of Video Features on YouTube Trending Using Deep
Learning Methodologies. 190
Min Gyeong Choe, Jae Hong Park, and Dong Won Seo

Author Index 199