

24th Workshop on Information Technology and Systems

December 17-19, 2014, Auckland, New Zealand.



Wednesday, December 17, 2014

11:30 AM- 12:30 PM	WITS Begins Pick up lunch boxes and welcome package	
12:30 PM- 2:00 PM	Welcome and Keynote speech (OGGB 4) Keynote Speaker: David Shepherd, Air New Zealand	
2:00 PM- 3:30 PM	Crowdsourcing, Crowdfunding, and Recommendations (1A) Location: Case Room 3 Chair: Jeffrey Jiang Zhuoxin Allen Li and Jason Duan. <i>Dynamic Strategies for Successful Online Crowdfunding (Nominated for the best paper award)</i> Jiahui Mo, Sumit Sarkar and Syam Menon. <i>Finding Winnable Tasks: Recommendations for Crowdsourcing Contests</i> Abhijeet Ghoshal, Subodha Kumar and Vijay Mookerjee. <i>Locking Effects of Recommender Systems: A Competitive Analysis (Nominated for the best paper award)</i>	Healthcare Analytics (1B) Location: Case Room 4 Chair: Rema Padman Yazan Alnsour, Jiban Khuntia and Todd Trautman. <i>The Impact of Patient Portals on Patient Care: Evidence from Alert Closures for Diabetes Patients</i> Yu-Kai Lin, Hsinchun Chen, Randall Brown, Shu-Hsing Li and Hung-Jen Yang. <i>Healthcare Analytics and Clinical Intelligence: A Risk Prediction Framework for Chronic Care (Nominated for the best paper award)</i> Rema Padman, Daniel Nagin and Quincy Xie. <i>Disease Progression and Risk Prediction for Chronic Kidney Disease: Analysis of Electronic Health Record Data using Group-Based Trajectory Models</i>
3:30 PM- 4:00 PM	Coffee Break	
4:00 PM- 5:30 PM	Auction and Search Advertising (2A) Location: Case Room 3 Chair: Sumit Sarkar Christian Kroemer, Martin Bichler and Andor Goetzendorff. <i>(Un)expected Behavior in Spectrum Auctions</i> Anup K Sen and Amitava Bagchi. <i>How Much to Bid on a Package in an Online Multi-unit Combinatorial Auction</i> Eric Zheng, Sumit Sarkar and Cheng Nie. <i>How do Strategic Groups Impact Consumer Behavior in Sponsored Search Advertising?</i>	Healthcare Network and Engagement (2B) Location: Case Room 4 Chair: Pankaj Setia Kuang-Yuan Huang, Alain Pinsonneault and Indushobha Chengalur-Smith. <i>Social Network Dynamics in Healthcare Virtual Support Communities</i> Ruba Aljafari and Pankaj Setia. <i>How Digital Patient Engagement Capability Influences Readmissions</i> Emre Demirezen, Subodha Kumar and Sen Arun. <i>Sustainability of Healthcare Information Exchanges: A Network Externalities Approach</i>
5:30 PM – 6:30 PM	General Body Meeting (OGGB 4)	
6:45 PM – 10:00 PM	Dinner at Fale Pacifica (21 Wynyard Street, Auckland)	

Thursday, December 18, 2014

8:00 AM- 10:00 AM	Recommender Systems (3A) Location: Case Room 3 Chair: Balaji Padmanabhan Xiaoying Xu, Fang Fang, Kaushik Datta and Anindya Datta. <i>A Hybrid Recommendation Model by Applying Bayesian Network to User Ratings</i> Lina Bouayad, Balaji Padmanabhan and Kaushal Chari. <i>Real-Time Recommendations under Time Pressure</i> Gediminas Adomavicius, Jesse Bockstedt, Shawn Curley and Jingjing Zhang. <i>De-Biasing User Preference Ratings in Recommender Systems</i> Il Young Choi, Myung Geun Oh, Jae Kyeong Kim and Young Ryu. <i>Analysis of Facial Expression for Online Video Recommendation</i>	Social Networks and Social Media (3B) Location: Case Room 4 Chair: Jose Benitez-Amado Yusan Lin, Yilu Zhou and Heng Xu. <i>The Hidden Influence Network in the Fashion Industry</i> Debra Vander Meer, Karthick Ariyaratnam and Kaushik Datta. <i>Using Topics to Identify Users Across Social Networks</i> Jessica Braojos-Gomez, Jose Benitez-Amado and F. Javier Llorens-Montes. <i>How Do Small Firms Learn to Develop a Social Media Competence?</i> Gene Moo Lee, Liangfei Qiu and Andrew Whinston. <i>Strategic Network Formation in a Location-based Social Network: A Topic Modeling Approach</i>
10:00 AM- 10:30 AM	Coffee Break	
10:30 AM- 12:00 PM	Processing and Utilizing Data from the Web (4A) Location: Case Room 3 Chair: Ram Gopal Ram Gopal, Hooman Hidaji, Raymond Patterson, Erik Rolland and Dmitry Zhdanov. <i>Information Sharing in Web Services: An Exploratory Analysis</i> Lei Huang, Xianghua Lu and Sulin Ba. <i>An Empirical Study of the Cross Channel Effects between Web and Mobile Shopping</i> Yuanfeng Cai and Dan Zhu. <i>Designing Intelligent Reputation Systems with Rating Fraud Detection</i>	Software development and Maintenance (4B) Location: Case Room 4 Chair: Kaushal Chari Mei Li and Khim-Yong Goh. <i>Is Open Always Good? An Empirical Examination of Developers' Value Contribution on Mobile Platforms</i> Onkar Malgonde and Kaushal Chari. <i>A Probabilistic Model for Predicting Agile Software Development Effort</i> Randall Minas, Binny Samuel, Lingyao Ivy Yuan, and Vijay Khatri. <i>Exploring the Iterative Nature of Corrective SQL Maintenance: An Eye Tracking Study</i>
12:00 PM – 1:45 PM	Lunch at Next Generation Club (1 Tennis Lane, Auckland) Research Funding Opportunities for Big Data Research- Dr. Heng Xu, NSF.	
2:00 PM- 3:00 PM	Poster Slam- Session 1 Location: Case Room 3 Chair: List of papers follows	Poster Slam- Session 1B Location: Case Room 4 Chair: List of papers follows
3:00 PM- 4:30 PM	Coffee Break/ Demo and Prototype List of papers follows	
4:30 PM- 5:30 PM	Panel: IS Leading Analytics through Research Centers Panelists: Ravi Bapna, Rob Kauffman, Sudha Ram. Moderator: Paulo Goes Location: OGGB 4	
5:30 PM – 6:30 PM	WITS Board Meeting (Case room 4)	
6:45 PM – 10:00 PM	Dinner at WH Building, AUT (35 Mayoral Drive, Auckland)	

Friday, December 19, 2014

8:00 AM-10:00 AM	Data Mining and Knowledge Discovery (5A) Location: Case room 3 Chair: Jackie Rees	Economics of Information Goods and IT Service (5B) Location: Case room 4 Chair: Wei Thoo Yue
	Xuan Zhang, Mi Zhou, Weiguo Fan and Alan Wang. <i>Automatic Recognition of Adverse Events in News: A Data Mining Approach</i>	Xiong Zhang and Wei Thoo Yue. <i>An Economic Analysis of Software Bundling on an Integrated Platform</i>
	Yicheng Song, Nachiketa Sahoo, Shuba Srinivasan and Chrysanthos Dellarocas. <i>Uncovering Path-to-Purchase Segments in Large Consumer Population (Nominated for the best paper award)</i>	Min Chen and Min-Seok Pang. <i>An Economic Analysis of Shared IT Services and Implications for IT Industries</i>
	Jackie Rees, Kyle Harris, Yu He, Douglas Head and Qiushi Song. <i>Learning from Information Security Maturity: A Textural Analysis</i>	Hong Guo, Lin Hao, Tridas Mukhopadhyay and Daewon Sun. <i>Pricing Strategies of In-Game Virtual Currency</i>
	Tingting Nian, Enric Junqué de Fortuny and Foster Provost. <i>Revealing Life Events from Inferred Customer Similarity: A Predictive Modeling Approach</i>	Amit Mehra and Siddhartha Sharma. <i>Vertical Integration Strategy to Enhance Envelopment by the Android Operating System</i>
10:00 AM-10:30 AM	Coffee Break	
10:30 AM-12:00 PM	Green IT and Social Efficiency (6A) Location: Case room 3 Chair: Robert Chiang	Competition in Electronic Markets (6B) Location: Case room 4 Chair: Raghu Santanam
	Micha Kahlen and Wolf Ketter. <i>Using Electric Vehicle Fleets as Sustainable Virtual Power Plants: Evidence from a Real-World Setting</i>	Brent Kitchens, Anuj Kumar and Praveen Pathak. <i>Small Firms, Local Competition and Electronic Markets</i>
	Daniel Rush and Nigel Melville. <i>Market Value Impacts of Carbon Management Adoption Under Differing Regulatory Regimes</i>	Jing Peng, Raghuram Iyengar and Kartik Hosanagar. <i>A Novel Approach to Attribution in Decisions Influenced by Multiple Sources</i>
		Irfan Kanat, Raghu Santanam and Ajay Vinze. <i>Cue Utilization And Consumer Choice In Software Product Context: A Controlled Choice Experiment</i>

Poster Sessions
 Thursday, December 18, 2014
 2:00 PM – 3:00 PM

Poster Slam	Session 1A	Session 1B
	Location: Case Room 3 Chair:	Location: Case Room 4 Chair:
	Shengsheng Xiao, Xue Tan, Jinyang Zheng and Ming Dong. <i>Reward scheme design decisions in the online crowdfunding market</i>	Ali Mahdavi Adeli, Gediminas Adomavicius and Alok Gupta. <i>Understanding, Replicating, and Leveraging Dynamics of Bidder Behavior in Continuous</i>
	Eun Ju Jung and Anjana Susalra. <i>Dynamics of Fundraising in Crowdfunding Platforms and Entrepreneurial Performance</i>	Prasanta Bhattacharya, Linlin Liu and Tuan Phan. <i>Secure Distributed Analytics: A Method to Preserve Privacy and Security in Peer-to-Peer Analytics</i>
	Xin Li, Shuk Ying Ho and Yubo Chen. <i>Crowdsourcing for Innovations: Two Effects of Submission Openness on Task Success</i>	Xiaobai Li, Luvai Motiwalla and Xiaoping Liu. <i>Valuing Personal Information</i>
	Parastoo Samiei. <i>Understanding online reviewing behavior, Product evaluation</i>	Onkar Malgonde, Balaji Padmanabhan and Moez Limayem. <i>Bottlenecks in Dynamic Organizational Processes: Formalisms, Discovery Methods, and Recommendations</i>
	Lisa Yeo and Gloria Phillips-Wren. <i>Monetizing Personal Private Information: A Preliminary Model</i>	Feng Wu and Jeffrey Parsons. <i>Emergent Ontology Discovered from Folksonomies</i>
	Xiangbin Yan and Ping Jiang. <i>An Immune-Structure Rumor Spread Model on Social Media</i>	Jie Tao, Amit Deokar and Omar El-Gayar. <i>Management Confidence in IPO Prospectuses and IPO Pricing: A Text Analytics Approach</i>
	Young Lee, Yilu Zhou, Kafui Monu and Xueqing Zhang. <i>Tweeting Sincerity: Customer Care Using Twitter</i>	Shuai Yuan, Sanjukta Das, Ramaswamy Ramesh and Chunming Qiao. <i>Resource Allocation and Run-Time Intervention Scheduling in the Availability-Aware Cloud</i>
	Jiexun Li, Xin Li and Bin Zhu. <i>Collective Opinion Classification: A Global Consistency Maximization Approach</i>	Sai Saranya Ramamoorthy, Sanjukta Das, R. Ramesh and Selvakumar Annamalai. <i>Intelligent Resource Allocation for Server Virtualization Using Ant Colony Optimization</i>
	Youngsoo Kim. <i>The User's Communication Patterns on A Social Network Site</i>	Radha Mookerjee, Subodha Kumar, Vijay Mookerjee and Chelliah Sriskandarajah. <i>Demand-Supply Optimization in Mobile Advertising</i>
	Christine Hsieh, Vijay Khatri and Jingjing Zhang. <i>Managing Versions in Software Evolution: The Case of Mobile Game Apps</i>	Robert Chiang and Jih-Hua Jhang-Li. <i>Production Investment and Distribution Contracting in Digital Content Supply Chain</i>
	Jaeki Song, Jeff Baker and Bhattacharjee Anol. <i>Mobile Application Development Platforms: Towards a Theoretical Explanation of Adoption</i>	Robert Chiang and Jih-Hua Jhang-Li. <i>Licensing and Windowing in Digital Content Distribution</i>

Demo and Prototype
 Thursday, December 18, 2014, 3:00 PM – 4:30 PM

Demo And Proto type	
	Veda C. Storey. <i>Teaching Case: Sourcing in the Global Online Marketplace</i>
	Veda C. Storey, Vijayan Sugumaran, Eun Hee Park, Zirun Qi. <i>A Sentiment Ontology Prototype: Architecture and Development</i>
	Yang Yinping, Quek Boon Kiat, Wang Zhaoxia, Rick Siow Mong Goh, Martin Saerbeck, Ilya Farber, Yin Xiao Feng, Joseph J.P. Simons, Lu Sifei, Kayo Sakamoto, Sebastian Feller, Xin Xin, Wan Kum Seong, and Tong Joo Chuan. <i>Harnessing Social Media for Business Values: A Collaborative Social Analytics R&D Platform</i>
	Mohammadmahdi Moqri, Subhajyoti Bandyopadhyay, Brent Kitchens. <i>KnowledgeMap, an Automated Classification of Research Areas in a Scientific Discipline</i>
	Na Liu, Sandeep Puroo, Alfred Wu, Alex Gavino. <i>An Adherence Enhancement Design for Self-Monitoring Tools for Diseases.</i>
	Chris Zimmerman, Ravi Vatrappu. <i>The Social Newsroom: Visual Analytics for Social Business Intelligence.</i>

MANAGEMENT
INFORMATION SYSTEMS
(MIS)



University of
Connecticut

School of Business