



ICIS 2017
SEOUL · KOREA

Transforming
Society
with Digital
Innovation



Welcome to Seoul

Dear friends and colleagues of the AIS Community:

It is our great pleasure to welcome you for ICIS 2017 to Seoul, a vibrant city that has been the capital city of Korea, for more than 600 years! ICIS 2017 promises to be an exciting and intellectually stimulating event, with a program that features 406 paper presentations and 42 ancillary meetings of SIGs and chapters. The conference is also introducing a number of innovations. We are inaugurating the first paper-a-thon with 46 papers where co-authors will meet and create new knowledge in real-time, during the conference. In addition to the continuing tradition of the doctoral consortium, the conference includes a doctoral student corner and doctoral student reunion for the first time. The junior faculty consortium, mid-career faculty workshop, and senior scholar's college will help colleagues at every stage of career development. We hope that the diverse spectrum of activities at ICIS 2017 will be an invaluable experience, enriching your interactions and knowledge exchange, and providing numerous opportunities to renew old relationships and build new ones.

The theme of ICIS2017 is "Transforming Society with Digital Innovation." All countries across the globe are moving in this direction. Korea has also been growing fast based on its manufacturing and operational capability for the past 50 years, and the Korean government and companies have expended considerable effort in developing digital capability to make the country grow further to benefit its citizens. Germany has initiated the industry 4.0 and platform industry 4.0, the U.S.A. has launched Advanced Manufacturing Partnership, and Japan developed policies such as smart society 5.0 and 'JAPAN is BACK.' This trend reflects the understanding of and acknowledgement by government in that the digital capability is the most important resource to enable change in societies and accelerate future growth. We as conference chairs hope that ICIS 2017 in Seoul will be the venue for discussing these issues related to the digitalization of everything and its impact on societal changes.

In Korea, you will be struck by the fascinating development of the city from a rural economy to a highly industrialized and urban center, where the old and the new co-exist. We hope that you will enjoy Korea's acclaimed hospitality, history, culture and friendliness, along with its wide range of excellent restaurants, pubs and entertainment such as Gangnam style. The scholars of the Korean Society of Management Information System have been looking forward to hosting ICIS and are delighted to have this opportunity now to welcome you here. We hope you also have an opportunity to learn about and enjoy the Korean style life even through the brief time period of the conference.

This conference is the fruit of the hard work of many volunteers who have worked tirelessly over the past 18 months. We are extremely grateful to our dedicated program co-chairs, doctoral consortium co-chairs, junior faculty consortium co-chairs, ancillary meeting chairs, and the terrific team of track chairs, associate editors, reviewers, AIS Leadership Team and staff, meeting planners and volunteers who have given hours of their time to bring together all the pieces of the ICIS experience. We do not list all of their names here due to the lack of space, but please take a moment to thank them for their wonderful service to the ICIS community.

We are also extremely grateful to our sponsors for their financial support of the conference. Without their generous assistance, many of the amenities that the conference features would not have been possible. Please join us in thanking them.

Above all, we would like to thank you for making the long journey to Seoul to join this celebration of our community. We truly hope that ICIS 2017 will be both rewarding and memorable, and your experience here will bring you back to Seoul!

Yong Jin Kim
Sogang University

Ritu Agarwal
University of Maryland

Jae Kyu Lee
KAIST and Yonsei University

Schedule at a Glance

Friday, December 8

Time	Event	Location	
3:00 PM	6:00 PM	Registration	Coex Conference Room South 300 Lobby
8:30 AM	11:00 AM	AIS Executive Committee Meeting	Intercontinental Seoul Coex Hotel - Apollo (30F)
9:00 AM	6:00 PM	Bright Internet Global (BIG) Summit	Coex – 103
1:00 PM	5:00 PM	AIS Council Meeting	Intercontinental Seoul Coex Hotel - Apollo (30F)

Saturday, December 9

Time	Event	Location	
7:30 AM	6:00 PM	Registration	Coex Conference Room South 300 Lobby
7:30 AM	5:00 PM	OASIS (Organization and Society in Information Systems) 2017 Workshop	Coex – 308
8:00 AM	5:00 PM	SIGOPEN Pre-ICIS Workshop	Coex – 301A
8:00 AM	6:00 PM	Workshop on Information Security and Privacy (WISP) 2017	Coex – 308C
8:30 AM	5:00 PM	AIS Council Meeting	Intercontinental Seoul Coex Hotel - Apollo (30F)
9:00 AM	12:00 PM	SIG Culture Workshop	Coex – 301B
9:00 AM	6:00 PM	Bright Internet Global (BIG) Summit	Coex – 307AB
9:00 AM	6:00 PM	Pre-ICIS Workshop on Accounting Information Systems	Coex – 311
10:00 AM	12:00 PM	Meeting of MENA Chapter of AIS	Coex – 318
2:00 PM	5:00 PM	IRWITPM (12th Annual Research Workshop on Information Technology Project Management)	Coex – 301B
2:00 PM	5:00 PM	Exhibits	Coex Conference Room South 3F Lobby
5:30 PM	9:00 PM	SIGMIS Forum and Reception	Coex – 307C
6:30 PM	8:30 PM	SIGOPEN Business Meeting	Coex – 301A

Sunday, December 10

Time	Event	Location
7:30 AM	8:00 PM Registration	Coex Conference Room South 300 Lobby
12:00 AM	3:00 PM Paper-a-Thon	Coex – 317
7:30 AM	1:30 PM AIS SIGED International Conference on IS Education and Research	Coex – 325
7:30 AM	6:00 PM SIG GlobDev 10th Annual Pre-ICIS Workshop	Coex – 320
8:00 AM	6:00 PM Bright Internet Global(BIG) Summit	Coex – 307AB
8:30 AM	1:00 PM Artificial Intelligence and Cognitive Systems Applications	Coex – 324A
8:30 AM	6:00 PM Pre-ICIS Workshop on e-Government	Coex – 307C
9:00 AM	12:00 PM Mid-Career Faculty Workshop	Coex – 310
9:00 AM	12:00 PM AMCIS Executive Committee	Coex – E2
9:00 AM	3:00 PM DIGIT 2017 Workshop	Coex – 208B
9:00 AM	3:00 PM SIGGIS pre-ICIS Workshop on Location Analytics	Coex – 314
9:00 AM	5:00 PM SIG Enterprise Systems Pre-ICIS Workshop 2017	Coex – 324B
9:00 AM	6:00 PM Exhibits	Coex Conference Room South 3F Lobby
9:00 AM	5:30 PM Junior Faculty Consortium	Coex – E5
9:00 AM	5:30 PM CNOW (Changing Nature of Work with ICT)	Coex – E6
9:00 AM	6:00 PM The 16th Annual Pre-ICIS Workshop on HCI Research in MIS	Coex – 318AB
9:00 AM	6:00 PM SIGDSA: Analytics for Societal and Organizational Transformations	Coex – 308B
9:30 AM	4:00 PM Service Science: Towards Digital Service Innovation	Coex – 311
10:00 AM	12:00 PM EJIS Editorial Board Meeting	Coex – 321
10:00 AM	4:00 PM SIM MISQE Academic Workshop	Coex – 318C
10:00 AM	5:00 PM JPAIS/JASMIN International Meeting 2017	Coex – E3
10:00 AM	6:00 PM Career Connect	Coex – 327
11:30 AM	1:00 PM MIS Quarterly Awards Luncheon	Coex – 201
1:00 PM	5:00 PM ICIS Executive Committee	Coex – E2
1:00 PM	5:30 PM JAIS Theory Development Workshop	Coex – 301A
1:00 PM	5:30 PM Workshop on the Digitization of the Individual (DOTI)	Coex – 308C
1:00 PM	5:30 PM SIG Health Pre-ICIS Workshop	Coex – 208A
1:30 PM	5:00 PM MIS Quarterly Editorial Board	Coex – 203
4:00 PM	6:00 PM Doctoral Student Corner	Coex – 308A
4:00 PM	8:00 PM SIG on Big Data Application Annual Meeting	Coex – 325
5:00 PM	6:00 PM New Member Reception	Coex – 201
5:30 PM	6:30 PM ICIS 2018 Track Chair Meeting	Coex – 208B
6:30 PM	8:00 PM Welcome Reception	Coex Grand Ballroom 101-105
8:00 PM	9:30 PM Doctoral Consortium Reunion	Coex – 201

Monday, December 11

Time	Event	Location	
7:00 AM	9:00 AM	Early AM Coffee and Muffins	Coex – Lu Restaurant
7:00 AM	8:30 AM	AIS Community Leaders Breakfast Meeting	Coex – 301A
7:30 AM	6:00 PM	Registration	Coex Conference Room South 300 Lobby
7:30 AM	9:00 AM	CAIS Editorial Board Meeting	Coex – 310A
7:00 AM	8:30 AM	THCI Editorial Board Meeting	Coex – 324
9:00 AM	10:30 AM	Parallel Presentation Session 1	Coex – various
9:00 AM	6:00 PM	Career Connect	Coex – 327
9:00 AM	6:00 PM	Doctoral Student Corner	Coex – 308A
9:00 AM	6:00 PM	Exhibits	Coex Conference Room South 3F Lobby
10:30 AM	11:00 AM	Coffee Break	Coex Conference Room South 3F Lobby
11:00 AM	12:30 PM	Keynote Session	Coex – Grand Ballroom 101-105
12:30 PM	1:45 PM	Awards Lunch	Coex – Grand Ballroom 101-105
2:00 PM	3:30 PM	Parallel Presentation Session 2	Coex – various
2:00 PM	4:00 PM	ICIS 2019 Committee Meeting	Coex – 310
3:30 PM	4:00 PM	Coffee Break	Coex Conference Room South 3F Lobby
4:00 PM	5:30 PM	Parallel Presentation Session 3	Coex – various
4:00 PM	5:30 PM	JAIS Advisory Board Meeting	Coex – 324
5:00 PM	6:00 PM	Past President's Reception	Coex – 201
6:30 PM	8:30 PM	Region 3 Scholars Reception	Coex – 301A
6:30 PM	9:00 PM	MIS Quarterly Senior Editors Meeting	Coex – 317C

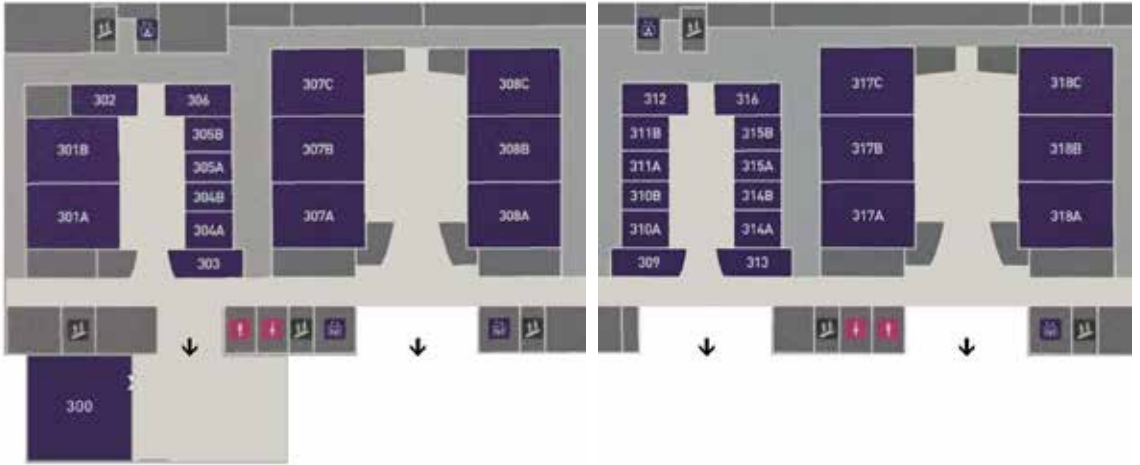
Tuesday, December 12

Time	Event	Location	
7:00 AM	9:00 AM	Early AM Coffee and Muffins	Coex – Lu Restaurant
7:00 AM	8:30 AM	JAIS Editorial Board Meeting	Coex – 208A
7:30 AM	8:30 AM	Future Track Chair Meeting	Coex – 208B
7:30 AM	9:00 AM	AIS College of Academic Leadership Breakfast Meeting	Coex – 311
7:30 AM	9:00 AM	AIS Women’s Networking Event	Coex – 308
8:00 AM	6:00 PM	Registration	Coex Conference Room South 300 Lobby
9:00 AM	5:00 PM	Career Connect	Coex – 327
9:00 AM	5:00 PM	Doctoral Student Corner	Coex – 308A
9:00 AM	10:30 AM	Parallel Presentation Session 4	Coex – various
9:00 AM	12:00 PM	Digital Leadership Summit (formerly CIO Symposium)	Coex – 307
9:00 AM	5:30 PM	Exhibits	Coex Conference Room South 3F Lobby
9:30 AM	11:00 AM	ICIS 2018 Committee Meeting	Coex – 320
10:30 AM	11:00 AM	Coffee Break	Coex Conference Room South 3F Lobby
10:45 AM	11:45 AM	PACIS 2019 Meeting	Coex – 312
11:00 AM	12:30 PM	Parallel Presentation Session 5	Coex – various
11:30 AM	3:30 PM	PACIS Executive Committee	Coex – 208A
12:30 PM	2:00 PM	Networking Lunch	Coex Conference Room South 300 Lobby
12:00 PM	2:00 PM	Information Systems Journal Editorial Board Meeting	Coex – 324
2:00 PM	3:30 PM	Parallel Presentation Session 6	Coex – various
2:00 PM	4:00 PM	AMCIS 2019 Committee Meeting	Coex – 325
2:00 PM	4:00 PM	ICIS 2020 Committee Meeting	Coex – 320
3:30 PM	4:30 PM	Coffee Break	Coex Conference Room South 3F Lobby
4:00 PM	5:30 PM	Parallel Presentation Session 7	Coex – various
5:40 PM	7:00 PM	Social Event Transportation	Coex South Gate
7:00 PM	10:00 PM	Social Event	Floating Island at Hangang River See App for Details

Wednesday, December 13

Time	Event	Location	
7:00 AM	9:00 AM	Early AM Coffee and Muffins	Coex – Lu Restaurant
8:00 AM	11:00 AM	Registration	Coex Conference Room South 300 Lobby
9:00 AM	10:30 AM	Parallel Presentation Session 8	Coex – various
9:00 AM	6:00 PM	Smart Fintech Seminar	Coex – 308A
12:30 PM	6:00 PM	KrAIS Workshop	Coex – 318
9:00 AM	6:00 PM	KMIS Conference 2017 Fall	Coex – 320
9:00 AM	6:00 PM	KMIS Conference 2017 Fall	Coex – 321
10:00 AM	6:00 PM	KMIS Conference 2017 Fall	Coex – 307
10:30 AM	11:00 AM	Coffee Break	Coex Conference Room South 3F Lobby
11:00 AM	12:30 PM	Parallel Presentation Session 9	Coex – various
11:00 AM	12:30 PM	Paper-a-Thon Winner Presentations	Coex – 317C
11:00 AM	12:30 PM	Senior Scholar's Forum	Coex – 317B
12:00 PM	6:00 PM	International Workshop on Grounded Theory Research	Coex – 301A
12:30 PM	6:00 PM	Social Inclusion Research Workshop	Coex – 317A
12:45 PM	3 :45 PM	Senior Scholar Lunch	Coex – 317B
1:00 PM	5:00 PM	MIS Quarterly Reviewer Development	Coex – 308B
2:00 PM	6:00 PM	KMIS 2	Coex – 308C
2:00 PM	6:00 PM	KMIS 3	Coex – 310
2:00 PM	6:00 PM	KMIS 4	Coex – 311
2:00 PM	6:00 PM	Smart Fintech 2	Coex – 314
2:00 PM	6:00 PM	Smart Fintech 3	Coex – 315
2:30 PM	4:00 PM	College of Senior Scholars Annual Meeting	Coex – 327BC

COEX Third Floor



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| University of Georgia | Doctoral Student Corner Sponsor |

Exhibit Hall & Coffee Breaks

AIS's industry partners provide valuable resources and services you can use in your research, your classroom, and your career.

The Exhibit Hall will be held in the lobby of the third floor:

Sunday, December 10

2 p.m. to 6 p.m.

Monday, December 11

9 a.m. to 6 p.m.

Tuesday, December 12

10:30 a.m. to 5:30 p.m.

Coffee breaks will be in the lobby of the third floor:

Monday, December 11

10:30 a.m. to 11 a.m.

3:30 p.m. to 4 p.m.

Tuesday, December 12

10:30 a.m. to 11 a.m.

3:30 p.m. to 4 p.m.

Wednesday, December 13

10:30 a.m. to 11 a.m.

Exhibitors



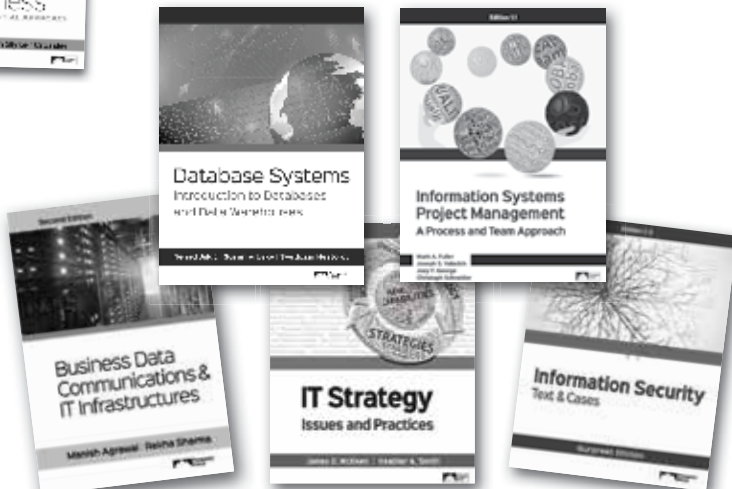
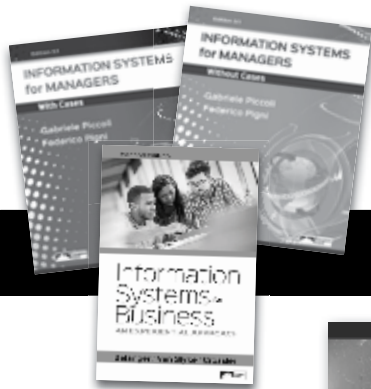
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Career Connect

The Association for Information Systems (AIS) Career Connect offers activities at ICIS. Institutions with active job postings have the option to participate in onsite Career Connect at the conference. Career Connect will take place in Coex Room 327

Career Connect hours:

Sunday, December 10 - 10 a.m. to 6 p.m.

Monday, December 11 - 9 a.m. to 6 p.m.

Tuesday, December 12 - 9 a.m. to 5 p.m.

Doctoral Student Corner

The doctoral student corner is a dedicated space for doctoral students attending the conference to orient to the ICIS experience and to connect with others in the field. This space will be available throughout the conference as a place for doctoral students to network and relax between conference events. All students are free to relax in the designated doctoral corner space through-out the conference.



Schedule of Events

Sunday

Kick-off

Drop by during the doctoral student corner kick-off and get information about our activities planned for the conference. If you're participating in the buddy-system, this is a great place to arrange to meet your buddies. Catch up with old friends and make some new ones before heading out to the conference welcome reception. Snacks and beverages provided for as long as they last.

Monday

Meet and Greet – Start off ICIS 2017 with a Bingo! Morning Break

Stop by during your break and meet other students, fill out your scavenger hunt cards, and take your selfies! We will also be holding Trivia Bingo with the chance of winning prizes! Past prizes have included Kindles and gift cards!

Talking Effectively about Your Teaching & Research Afternoon Break

Stop by during your break and participate in some round table discussions or meet other students and fill out your scavenger hunt cards. The suggested round table topic of this break is how the job application and interview process works when applying to academic positions, as well as what institutions look for in a candidate. Various faculty will be around to contribute to the discussion.

Tuesday

The Job Application and Interview Process Morning Break

Submissions to ICIS 2017 must be original; submissions cannot have been published or accepted in a journal or conference proceedings, nor presented at another conference. Further, submissions must not be concurrently under consideration for publication or presentation elsewhere. If your paper has previously been published as a working paper or a pre-print, you will be asked to describe this as part of the submission process.

Closing Remarks and Prize Drawing Afternoon Break

As the doctoral student corner draws to a close, we invite everyone to stop by for the closing remarks. Make sure to get your completed scavenger cards in, as well as your pics of you and your buddy at the Doctoral Student Corner, as we'll do the big drawing for our prizes!!

ICIS 2017 Conference Committee

Conference co-chairs

Yong Jin Kim, Sogang University
Ritu Agarwal, University of Maryland
Jae Kyu Lee, KAIST and Yonsei University

Program co-chairs

Christina Soh, Nanyang Technological University
Ola Henfridsson, University of Warwick
Youngjin Yoo, Case Western Reserve University

Local Coordinating Team

Seung Hye Jin, Sogang University
Nan-Hee Jung, Sogang University

Doctoral Consortium co-chairs

Guy Gable, Queensland University of Technology
Varun Grover, University of Arkansas

Junior Faculty Workshop co-chairs

Alain Pinsonneault, McGill University
Kunsoo Han, McGill University

Local Organizing Committee

Hee-Woong Kim, Yonsei University
Kyoung Jun Lee, Kyung Hee University
Il Im, Yonsei University
Sung-Byung Yang, Kyung Hee University
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Hyunjeong Kang, Hongik University

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Sung Hun Chung, University of Queensland
Byung Gu Choi, Kookmin University

Ancillary Meeting co-chairs

Jae Yun Moon, Korea University
Lakshmmi Iyer, Appalachian State University
Ryan Wright, University of Virginia

Review Coordinator Chair

Yongsuk Kim, Hong Kong University of Science and Technology

Social Arrangements

Jung Hoon Moon, Seoul National University

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Nam Jae Cho, Hanyang University
K. T. Hwang, Dongguk University
Sang-Yong Tom Lee, Hanyang University

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Young Ok Kwon, Sookmyung Women's University

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Seung Hye Jin, Sogang University

ICIS 2017 Keynote: Ji-Hoon Rim, CEO of Kakao

Since being named CEO of Kakao in September 2015, Rim has emphasized innovation in the use and development of information systems in various key business areas, particularly communication, commerce and advertising. Kakao's content business has also been a strong point for the company both domestically and internationally. MelOn has solidified its position as the premier music streaming service in Korea, while Kakao Games' publishing arm has produced a number of blockbuster titles for both PC and mobile. Additionally, Kakao Japan's Piccoma has been an unqualified success, ranking among the highest-grossing and most downloaded content platforms in Japan. Through these efforts, Kakao reported record quarterly revenues for both second and third quarter of 2017.



Rim's concerted efforts to strengthen the company's signature platform Kakao Talk have produced meaningful results. Kakao Talk Store, a commerce channel that allows for effortless buying and selling utilizing the company's Plus Friend platform, is preparing for its official launch. In addition, users have quickly embraced the simple yet reliable shopping and delivery experience offered by Kakao Talk Order and Kakao Talk Mart, commerce services launched in early 2017. A reservation service that offers similar convenience is expected to launch within the year, as Kakao Talk continues to evolve into an all-in-one business solution.

Building a vibrant artificial intelligence platform has also been one of Rim's key focuses. Kakao's A.I. ecosystem is comprised of three major components. Kakao I, a comprehensive platform that serves as the brain, Kakao I Open Builder, which allows businesses and users to create custom AI services, and Kakao I Inside, an authentication mark for products and services utilizing Kakao I. The company is currently co-operating with several key partners, including Samsung Electronics and Hyundai/Kia Motors, to incorporate its A.I. technology into a wide variety of fields including automobiles, consumer electronics, home services, and brick and mortar stores, with plans to make Kakao I available to business of all sizes beginning next year.

Born in Seoul, Korea, Ji-Hoon Rim had an itinerant childhood as his father's job with a trading company took him around the globe from an early age. Before returning to Korea at the end of 1988, Rim lived in a number of diverse countries including Panama, Chile, Brazil, and the United States.

Inspired by Bill Gates and his world-changing innovations, Rim applied to the Korea Advanced Institute of Science and Technology (KAIST) and pursued his interest in science and engineering. After briefly majoring in Computer Science, Rim switched majors at his junior year and graduated with a B.S. in Industrial Engineering.

Rim worked as an IT analyst following graduation before moving to NHN (now Naver Corporation) to work in the budding tech industry. Soon after, he joined the Boston Consulting Group where he specialized in IT firms for over a year.

Due to his unique qualifications and extensive understanding of the tech industry, a chance meeting with a SoftBank Ventures executive lead to a career in venture capital. As a VC, the chance to invest in innovative startups, and the collaboration required to achieve success were immediately attractive to Rim.

Rim first met Beom-Su Kim, the current Chairman of Kakao, during the company's acquisition of Lotiple, a company SoftBank had invested in. When Kim asked why Rim took a risk on a company that offered no services at the time of the investment, Rim's answer was "The main thing I look at when making an investment is the people".

Investing in people was, and is, a core belief shared by both men, and when Kim began K-Cube Ventures, Korea's first VC specifically focused on early stage startups, he tabbed Rim as the inaugural CEO.

List of Doctoral Consortium participants

Liliane Ableitner	ETH Zurich	Vitali Mindel	Georgia State University
Jiye Baek	Boston University	Manja Nikolovska	University of Jyväskylä
Mark Bremhorst	University of Queensland	Mairead O'Connor	National University of Ireland,
Wallace Chipidza	Baylor University	Galway	
Ruth Cruz	Catholic University of Korea	Khet Khet Oo Tha	University of New South Wales
Chaoqun Deng	Rensselaer Polytechnic Institute	Mahya Ostovar Ravari	ESSEC Business School
Ersin Dincelli	University at Albany, SUNY	Dandan Qiao	Tsinghua University
Thomas Frick	Erasmus University	Tapani Rinta-Kahila	Aalto University School of Business
Deepa Gopal	Case Western Reserve University	Narges Safari	Auckland University of Technology
Emmy Hoang	Singapore Management University	Carolina Salge	University of Georgia
Yael Inbar	Tel Aviv University	Sagar Samtani	University of Arizona
Lennart Jaeger	German Graduate School of Man-	Abdul Sesay	University of Colorado Denver
agement & Law		Kalina Staykova	Copenhagen Business School
Mina Jafarijoo	Washington state University	Martin Stojanov	Uppsala Universitet
Jinglu Jiang	HEC Montreal	Ruonan Sun	Australian National University
Tae Hun Kim	Michigan State University	Tianhui Tan	National University of Singapore
Yeong-in Kim	University of Texas at Dallas	Yang Wang	University of Utah
Eric Kwon	College of Business at Korea	Michal Gaziel Yablowitz	Bar-Ilan University
	Advanced Institute of	Mochen Yang	University of Minnesota
	Science and Technology	Stella Zafeiropoulou	Lund University School of
Sebastian Lins	University of Kassel		Economics and Management
Chewei Liu	University of Maryland	Melody Zou	City University of Hong Kong
Jake London	Clemson University		

How to Access Information About ICIS 2017

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- 2) Click "Download iPhone/iPad App" to load Apple's App Store and download the app.

For Android:

- 1) Type <https://crowd.cc/s/1cWZe> in web browser
- 2) Click "Download Android App" to load the Google Play Store and download the app.

For Blackberry:

- 1) You'll be using the web version of the app. Open the web browser, click the BlackBerry menu button, select "Go To" and type <https://crowd.cc/2017icis>.



Monday, December 11, 2017

Monday, December 11, 2017 - 9:00 a.m. - 10:30 a.m.

Panel: Break Your Shackles! Emancipating Information Systems From The Tyranny of Peer Review

9:00 a.m. - 10:30 a.m., 308B

Chair: Yolande Chan - Queen's University

Break Your Shackles! Emancipating Information Systems From The Tyranny of Peer Review

Cecil Chua - University of Auckland; Jason Thatcher - Clemson University; Fred Niederman - University St. Louis; Yolande Chan - Queen's University; Elizabeth Davidson - University of Hawaii

Transforming Society with Digital Innovation: A Technology Focus

9:00 a.m. - 10:30 a.m., 308A

Chair: Iris Lui - Ming Chuan University

Optimal Prepositioning and Fleet Sizing to Maximize Profits for One-Way Transportation Companies

Micha Kahlen - Rotterdam School of Management; Wolfgang Ketter - Erasmus University; Thomas Lee - UC Berkeley; Haas; Alok Gupta - University of Minnesota

Unchaining Social Businesses – Blockchain as the Basic Technology of a Crowdfunding Platform

André Schweizer - University Bayreuth; Vincent Schlatt - University Bayreuth; Nils Urbach - University of Bayreuth; Gilbert Fridgen - University of Bayreuth

Why Place Still Matters in Digital Innovation: Organizing 3D Printing in a UK Hospital

Stavros Polykarpou - University of Cambridge; Michael Barrett - University of Cambridge

Peer-to-Peer and Crowd Markets - Crowdfunding

9:00 a.m. - 10:30 a.m., 318A

Chair: Paul Pavlou - Temple University

A Potato Salad with a Lemon Twist: Using Supply-Side Shocks to Study the Impact of Low-Quality Actors on Crowdfunding Platforms

Hilah Geva - Tel Aviv University; Ohad Barzilay - Tel Aviv University; Gal Oestreicher-Singer - Tel Aviv University

Launch on a High Note: How Prefunding Strategies Affect Crowdfunding Outcomes

Aravinda Garimella - Foster School of Business, University of Washington; Ming Fan - University of Washington; Suresh Kotha - University of Washington; Weijia You - Beijing Forestry University

Investing or Gambling? Empirical Evidence on the Role of the Lottery in Reward-based Crowdfunding Platforms

Zuyin (Alvin) Zheng - Temple University; Jing Gong - Temple University Fox School of Business and Management; Paul Pavlou - Temple University

IS and Economics - Incentive Systems 1

9:00 a.m. - 10:30 a.m., 317A

Chair: Wonseok Oh - Korea Advanced Institute of Science and Technology

"Marshmallow Pricing": Effects of "Wait-and-Not-Pay" Schemes on the Monetization of Hedonic Digital Content

Angela Choi - Korea Advanced Institute of Science and Technology College of Business; KiEun Rhee - Korea Advanced Institute of Science and Technology College of Business; Wonseok Oh - Korea Advanced Institute of Science and Technology

An Analysis of Membership-Based Free Shipping Programs of Online Marketplaces

Geng Sun - University of Texas at Dallas; Huseyin Cavusoglu - University of Texas at Dallas; Srinivasan Raghunathan - The University of Texas at Dallas

Binge Yourself Out: Impact of Binge Watching on Subscription of Video on Demand

Miguel Godinho de Matos - Universidade Catolica Portuguesa; Pedro Ferreira - CMU

E-Business and E-Government: Social Media and E-Commerce

9:00 a.m. - 10:30 a.m., 317B

Chair: Han Zhang - Georgia Institute of Technology

Online Complaints in the Eye of the Beholder: Optimal Handling of Public Consumer Complaints on the Internet

Paul Marx - University Siegen; Frederic Nimmermann - University Siegen

Impact of Perspective Taking on Reviewer Behavior: A Multi-Method Exploration

Chih-Hung Peng - City University of Hong Kong; Dezhi Yin - University of Missouri; Chih-Ping Wei - National Taiwan University; Han Zhang - Georgia Institute of Technology

Single-Dimensional Versus Multi-Dimensional Product Ratings in Online Marketplaces for Experience Goods

Murat Tunc - University of Texas at Dallas; Huseyin Cavusoglu - University of Texas at Dallas; Srinivasan Raghunathan - University of Texas at Dallas

IS Curriculum & Education

9:00 a.m. - 10:30 a.m., 317C

Chair: Matthias Söllner - University of St. Gallen

Acceptance and Use of Interactive Whiteboards in Schools: The Teachers' Point of View

Arian Karimzadeh - University of Cologne; Janek Richter - University of Cologne; Dirk Basten - University of Cologne; Bjoern Michalik - University of Cologne

Third Time is a Charm – Determining the Required Number of Assessors when Using Peer Assessment in Large-Scale Lectures

Katja Lehmann - Kassel University; Matthias Söllner - University of St. Gallen; Ivo Blohm - University of St. Gallen; Jan Marco Leimeister - University of St. Gallen

Modeling and Measuring Social Media Literacy of Digital Natives in the Example of the Lake Constance Region

Katarina Stanoevska-Slabeva - University of St. Gallen; Severina Mueller - University of St. Gallen; Sonia Lippe - SAP Schweiz (AG); Sabine Seufert - University of St. Gallen; Stephanie Hagel - PH-Weingarten; Thomas Lischeid - PH-Weingarten; Martina Ott - PH Vorarlberg; Jan vom Brocke - University of Liechtenstein

Data Science, Decision Analytics and Visualization: Predictive Analytics

9:00 a.m. - 10:30 a.m., 318B

Chair: Tuan Phan - National University of Singapore

Sentiment Analysis and Google Trends Data for Predicting Car Sales

Fons Wijnhoven - University of Twente; Olivia Plant - Universiteit Twente

Breakdown: Predictive Values of Tweets, Forums and News in EUR/USD Trading

Dietmar Janetzko - Cologne Business School; Jonas Krauss - Univ. of Cologne; Stefan Nann - Univ. of Cologne; Detlef Schoder - University of Cologne

Management Responses to Online Reviews: Helpful or Detrimental?

Young Jin Lee - University of Denver; Karen Xie - University of Denver; Ali Besharat - University of Denver; Yong Tan - University of Washington

It's not a Bug, it's a Feature: How Visual Model Evaluation can help to incorporate Human Domain Knowledge in Data Science

Dennis Eilers, Cornelius Köpp, Christoph Gleue, Michael H. Breitner - Leibniz University Hanover - Information Systems Institute

Digital Platforms, Online Communities, and Open Governance: Knowledge Collaboration in Online Communities

9:00 a.m. - 10:30 a.m., 318C

Chair: Hani Safadi - University of Georgia

Engendering Virtual Communities of Practice: A Study of a Globally Distributed Grid Development Project

Avgousta Kyriakidou-Zacharoudiou - University of Greenwich; Yingqin Zheng - Royal Holloway, University of London

Understanding the Emergence and Recombination of Distant Knowledge on Crowdsourcing Platforms

Marcel Rhyn - University of St. Gallen; Ivo Blohm - University of St. Gallen; Jan Marco Leimeister - University of St. Gallen

How Users Perceive and Actualize Affordances: An Exploratory Case Study of Collaboration Platforms

Tim Lehrig - University of Bern; Oliver Krancher - University of Bern; Jens Dibbern - University of Bern

IS and Healthcare: Designing IT Tools for Healthy and Independent Lifestyles

9:00 a.m. - 10:30 a.m., 327A

Chair: Adrian Yeow - Singapore University of Social Services

Parental control reversed: Using ADR for designing a low-cost monitoring system for elderly

Tobias Mettler - Universite de Lausanne; Michael Bächle - Baden-Wuerttemberg Cooperative State University Ravensburg; Stephan Daurer - Baden-Wuerttemberg Cooperative State University Ravensburg; Andreas Judt - Baden-Wuerttemberg Cooperative State University Ravensburg

Integrated Supporting Platform for the Visually Impaired : Using Smart devices

Changbae Mun - Hanyang University; Ook Lee - Hanyang University

Efficacy of a Health App for Obesity and Overweight Management: A Hidden Markov Model

Hyeokkoo Eric Kwon - Korea Advanced Institute of Science and Technology - College of Business; Sanjeev Dewan - University of California, Irvine; Wonseok Oh - Korea Advanced Institute of Science and Technology; Taekyung Kim - The University of Suwon

General Topics: Services and Systems

9:00 a.m. - 10:30 a.m., 327B

Chair: Brian Pentland - Michigan State University

Leveraging Digitalization of Services for Performance: Evidence from the Credit Union Industry

Terence Saldanha - Washington State University; Abhishek Kathuria - The University of Hong Kong; Jiban Khuntia - University of Colorado Denver; Benn Konsynski - Emory University; Mariana Andrade Rojas - Nanyang Business School

The Nature of Enterprise-Service-Fit in the Context of Digital Services

Adrian Engelbrecht - Technische Universität Darmstadt; Jin Gerlach - Technische Universität Darmstadt; Thomas Widjaja - University of Passau; Peter Buxmann - Technische Universität Darmstadt

From CRM-System-Effectiveness to Profitability

Daniel Hein - University of Bamberg; Björn Ivens - University of Bamberg; Alexander Leischnig - Queen Mary University of London; Steffen Wöfl - University of Bamberg

Monday, December 11, 2017 - 2:00 p.m. - 3:30 p.m.

Research Methods, Theorizing and Philosophy - 'Real' Concepts

2:00 p.m. - 3:30 p.m., 308A

Chair: Benjamin Mueller - University of Groningen

An Analysis of the 2016 American Presidential Nominees' Tweets: A Magical Realism Perspective

Trevor Clohessy; Colin Callinan; Tom Acton; Eoin Whelan; Murray Scott - National University of Ireland, Galway

The Morphogenesis of Socio(-)material Relations in Organizations

Graham Winch - University of Manchester

How to Survive and Thrive in Complex, Hypercompetitive, and Disruptive Ecosystems? The Roles of IS-enabled Capabilities
Hüseyn Tanrıverdi; Shi-Ying Lim - University of Texas at Austin

Human Behavior and IS - Teams and Networks

2:00 p.m. - 3:30 p.m., 308B

Chair: Felix Ter Chian Tan - University of New South Wales

Team Potency and Ethnic Diversity in Embodied Physical Action (EPA) Robot-Supported Dyadic Teams

Sangseok You - Syracuse University; Teng Ye; Lionel Robert - University of Michigan

Constructing Shared Context for Temporary Teams in Virtual

Career Connect

9:00 a.m. - 6:00 p.m., 327

Exhibits

9:00 a.m. - 6:00 p.m., 3F Lobby

Coffee Break

10:30 a.m. - 11:00 a.m., Coex Conference Room South Lobby

Keynote

11:00 a.m. - 12:30 p.m., Grand Ballroom

Awards Luncheon

12:30 p.m. - 1:45 p.m., Grand Ballroom

Worlds with Informal Interaction

Laura Kohonen-Aho; Sanna Tiilikainen - Aalto University School of Business

Too Much of a Good Thing: Downsides of a Large Network in Tech Firms and Mitigating Effects of Political Skills

Yi Chen; Wai Fong Boh; Sze Sze Wong - Nanyang Technological University; Jun Shao - Shanghai Lixin University of Accounting and Finance

Strategy, Structure, and Organizational Impacts of IT: Building IT Capabilities for Business Performance

2:00 p.m. - 3:30 p.m., 317B

Chair: Xinlin Tang - Florida State University

Dynamic Ambidexterity: Exploiting Exploration for Business Success in the Digital Age

Jeffrey Dixon - Queen's University School of Business; Kathryn Brohman; Yolande Chan - Queen's University

Does IT Capability Matter? The Influence of Slack Resources on Firm Performance

Jiantao Zhu; Hefu Liu - University of Science and Technology of China; Meng Chen - School of Management; Yugang Yu - University of Science and Technology of China

Strategic Swaying: How Startups Grow Digital Platforms

Gongtai Wang; Joe Nandhakumar - Warwick Business School

HCI, Design Issues and Design Science Research: Design Issues

2:00 p.m. - 3:30 p.m., 318A

Chair: Matti Rossi - Aalto University

Design Drift and Reflective Conversation in Design Science Research: A Case Study of Problem Formulation
Alexis Amaye; Karen Neville; Andrew Pope - University College Cork

Designing Pervasive Information Systems: A Fashion Retail Case Study

Matthias Hauser - Julius-Maximilian University of Wuerzburg; Sebastian Günther - University of Bamberg; Christoph Flath, Frederic Thiesse - Julius-Maximilian University of Wuerzburg

Blockchain to Rule the Waves - Nascent Design Principles for Reducing Risk and Uncertainty in Decentralized Environments
Kristoffer Nærlund - Brainbot Technologies AG; Christoph Müller-Bloch; Roman Beck; Søren Palmund - IT University of Copenhagen

IS Development & Project Management: From Knowledge to Digital Innovation

2:00 p.m. - 3:30 p.m., 327B

Chair: Jonghyuk Cha - The University of Manchester

Trust and Dependence Model of Knowledge Sharing in Systems Development

Jun-Gi Park; Jungwoo Lee - Yonsei University

Shared Experience, Outcome, and Forgetting: An Empirical Study

Keumseok Kang - Florida International University; Inkyoung Hur - Nova Southeastern University

From Process to Practice: Towards a Practice-Based Model of Digital Innovation

Raffaele Ciriello; Alexander Richter - IT University of Copenhagen; Gerhard Schwabe - University of Zurich

E-Business and E-Government: Financial Technology in E-Business

2:00 p.m. - 3:30 p.m., 317A

Chair: Ling Ge - City University of Hong Kong

Does Online Credit Scoring Matter: An Empirical Analysis of the Effect of Zhima Credit on Short-Term Rental

Jiang Wu -; Jingxuan Cai - Wuhan University; Karen Xie - University of Denver

What Do FinTechs Actually Do? A Taxonomy of FinTech Business Models

Matthias Eickhoff; Jan Muntermann; Timo Weinrich - University of Goettingen

Scarcity Strategy in Crowdfunding: An Empirical Exploration
Lusi Yang; Zhiyi Wang; Jungpil Hahn - National University of Singapore

Service Science and IS: Service Innovation and Design

2:00 p.m. - 3:30 p.m., 317C

Chair: Dina Koutiskouri - University of Gothenburg

Datatization as the Next Frontier of Servitization – Understanding the Challenges for Transforming Organizations
Ronny Schüritz; Stefan Seebacher; Gerhard Satzger; Lucas Schwarz - Karlsruhe Institute of Technology

Design of a Method for Service Systems Engineering in the Digital Age

Benedikt Höckmayr; Angela Roth - Friedrich-Alexander-University Erlangen-Nurnberg

Quo Innovadis? The Who, the What and the How of Research at the Intersection of ICT and Service Innovation

Sebastian Knop; Erdem Galipoglu; Aleksander Lubarski - University of Bremen; Jens Poeppelbuss - Ruhr-Universität Bochum

Social Media and Digital Collaboration - Using SNS within the Enterprise

2:00 p.m. - 3:30 p.m., 318B

Chair: David Murungi - Bentley University

Why Do You NOT Use the Enterprise Social Network? Analyzing Non-Users' Reasons Through the Lens of Affordances

Lisa Giermindl; Franz Strich; Marina Fiedler - University Passau

Extending Social Capital through Online Social Networks (OSNs) in Rural Australian SMEs

Rachelle Bosua - University of Melbourne; Nina Evans - University of South Australia

Self-Disclosure and SNS Platforms: The Impact of SNS Transparency

Wenxi Pu; Siyuan Li; Jason Thatcher - Clemson University

Towards a Coordinative Theory for Flexible Work Collaboration

Nick Russell - Queensland University of Technology - Gardens Point Campus; Alistair Barros - Queensland University of Technology Faculty of Science and Engineering; Arthur ter Hofstede - Queensland University of Technology - Gardens Point Campus

IT and Social Change - The Dark Side of IT

2:00 p.m. - 3:30 p.m., 318C

Chair: Jason Chan - University of Minnesota

Race and Gender Bias in Online Ratings: An Origins Story
Brad Greenwood - University of Minnesota Twin Cities; Idris Adjerid; Corey Angst - University of Notre Dame

A Depressing Internet Tale: Empirical Analysis of the Internet's Impact on Suicide

Nakyung Kyung - Korea Advanced Institute of Science and Technology - College of Business; Sanghee Lim - The Johns Hopkins Carey Business School; Byungtae Lee - Korea Advanced Institute of Science and Technology - College of Business

Coping with Technostress: When Emotional Responses Fail

Henri Pirkkalainen - Tampereen Teknillinen yliopisto; Markus Salo; Markus Makkonen - University of Jyväskylä; Monideepa Tarafdar - Lancaster University Management School

Poster Slam Session 1

2:00 p.m. - 3:30 p.m., 327A

Chair: Aron Lindberg - Stevens Institute of Technology

Track 1: Transforming Society with Digital Innovation

People Analytics in the Age of Big Data: An Agenda for IS Research

Uri Gal - University of Sydney; Tina Jensen; Mari-Klara Stein - Copenhagen Business School

The Trajectories of Digital Entrepreneurship: Disentangling the Digital

Julian Lehmann; Christoph Rosenkranz - University of Cologne

The Concentric Development of the Financial Technology (Fintech) Ecosystem in Indonesia

IT Governance in Smart Cities: a Conceptual Framework

Niall Connolly; Giovanni Maccani; Brian Donellan - National University of Ireland, Maynooth

The Theory of Process Augmentability

Jinsoo Yeo - Emory University Goizueta Business School

Towards a Future Reallocation of Work between Humans and Machines – Taxonomy of Tasks and Interaction Types in the Context of Machine Learning

Fabian Traumer; Sarah Oeste-Reiß; Jan Marco Leimeister - University of Kassel

Track 3: Economic and Value of IS

The Impact of Social vs. Non-Social Referral Sources on Online News Consumption

Sagit Bar-Gill - Massachusetts Institute of Technology; Yael Inbar; Shachar Reichman - Tel Aviv University

Ephemeral Returns: Social Network Valuations and Perceived Privacy

Oliver Browne; Philip O'Reilly; Mark Hutchinson - University College Cork National University of Ireland

Customers' Response to Advantaged Grandfather Clause: a Natural Experiment

Xiaoqing Zhang; Tuan Quang Phan - National University of Singapore

When Virtual Meets Real: The Effect of Pokémon Go on Local Restaurants

Vandith Pamuru - Purdue University Krannert School of Management; Warut Khern-am-nuai - McGill University Desautels Faculty of Management; Karthik Kannan - Purdue University

Price Competition and Demand for Online Content:

Uncovering the Role of Content Differentiation and Network Structure

Ding Li; Khim Yong Goh; Cheng Suang HENG - National University of Singapore

Spillover Effect of Consumer Awareness on Third-Party Sellers' Selling Strategies on Retail Platforms

Wen Song - Dalian University of Technology; Jianqing Chen - The University of Texas at Dallas; Wenli Li - Dalian University of Technology

Track 4: E-Government and E-Business

Does Facial Expression Matter Even Online? An Empirical Analysis of Facial Expression of Emotion and Crowdfunding Success

Jongho Kim; Jiyong Park - KAIST

It Takes Two to Tango: Power Dependence in the Governance of Public-Private E-Government Infrastructures

Rony Medaglia; Jonas Hedman - Copenhagen Business School; Ben Eaton - Surrey Business School

"Grassroots Internet Celebrity Plus Live Streaming" Activating IT-Mediated Lifestyle Marketing Services at e-Commerce Websites

Zhenjiao Chen - Beijing Institute of Technology; Izak Benbasat; Ronald Cenfetelli - University of British Columbia

e-WOM via Photo Sharing, Organizational Niche Width and Reputation: Empirical Tests from the Restaurant Domain – the Case of Yelp.com

Jing Li; Xin Xu - Hong Kong Polytechnic University

Motivating Social Sharing in E-Business: Focus on Age or Gender?

Olga Levina - Technische University Berlin Fakultät IV Elektrotechnik und Informatik; Iris Vilnai-Yavetz - Ruppiner Academic Center

Developing a Conceptualization of Mobile Service Quality

Christopher Kaatz -; Christian Brock - University of Rostock; Markus Blut - Aston Business School, Aston University

Ad-Blockers, Advertisers, and Internet: The Economic Implications of Ad-Blocker Platforms

Abhishek Ray; Hossein Ghasemkhani; Karthik Kannan - Purdue University

Passing down the Experience: Exploring the Effects of Online Customer Reviews on Service Diagnosticity

Fei Liu - Copenhagen Business School; Eric Lim - University of New South Wales; Chee-Wee Tan - Copenhagen Business School; Bo Xiao - University of Hawaii at Manoa

Investigating the Sales Spillover Effects of Online Product Sampling in E-Commerce

Ying Zhang; Khim Yong Goh - National University of Singapore; Zhijie Lin - Nanjing University

Search Affordances and Constraints of Mobile Channel in e-Marketplace: An Empirical Investigation on Sales Distribution

Yongjin Park - KAIST College of Business; Youngsok Bang - Chinese University of Hong Kong; Jae-Hyeon Ahn - KAIST

Exploring the implementation blind spots: Selective Decoupling of Freedom of Information

George Kuk; Stephanie Giamporcaro; Jimmy Chim - Nottingham Trent University; Marjin Janssen - Delft University of Technology

Is Fake News Profitable? The Effect of Distorting Pre-IPO Financing on IPO Performance of Internet Firms

Ya Hui Sun - Fudan University; Jin Zhou; Zhe Qu; Cheng Zhang - Fudan University

Track 5: IS Education

Using a Traffic Light System to Provide Feedback to IS Masters Students

Reeva Lederman; Dora Constantinidis - University of Melbourne; Tanya Linden - Swinburne University of Technology; Linda Corrin; Jon Pearce; Wally Smith; James Bailey - University of Melbourne

Evaluation of IS Curriculum Design: A Pilot Study using the California Critical Thinking Skills Test

Pär Ågerfalk; Jonas Sjöström; Tuure Tuunanen - University of Oulu

Differential Effects of Instructor Feedback and Computerized Feedback in Online Learning

Manli Wu - University of Science and Technology of China; Xunhua Guo - Tsinghua University; Leon Zhao - City University of Hong Kong; Liang Liang - University of Science and Technology of China

Track 6: Peer-to-Peer Crowd Markets

I'll Have What S/he's Having: A Case Study of a Social Trading Network

Matthias Pelster - University Paderborn Fakultät für Wirtschaftswissenschaften

Race and Rating on Sharing Economy Platforms: The Effect of Race Similarity and Reputation on Trust and Booking Intention in Airbnb

Teng Ye, Ann Arbor; Rasha Alahmad; Casey Pierce; Lionel Robert - University of Michigan

An Empirical Study of Task Entry Decisions on Open Innovation Contests

Jiahui Mo; Nila ZHANG - Nanyang Technological University

Milking the Social Network: A Chinese Indigenous Psychology Perspective on WeChat C2C Commerce

Zhijie Li; Xixi Li; Xunhua Guo; Guoqing Chen - Tsinghua University

"What is it Good for – Absolutely Nothing?"; Exploring the Influence of Task Meaning on Creativity in Crowdsourcing

Thomas Goerzen - University of Paderborn

Exploring the Role of Learning in Crowdsourcing Creativity: The Value of Idea-Building in the Crowd

Jie Ren - Fordham University; Yue Han - Stevens Institute of Technology; William Yeoh - Deakin University; Yegin Genc - Pace University

Deep Investment Behavior Profiling by Recurrent Neural Network in P2P Lending

Xiao HAN - Shanghai University of Finance and Economics; Leye Wang - Hong Kong University of Science and Technology; Hailiang Huang - Shanghai University of Finance and Economics

Good Signals, Bad Signals: Performance and Trait Implications of Signaling in Online Labor Markets

Christian Holthaus; Ruth Stock - Technische Universität Darmstadt

Learning from Project Failure in Kickstarter

Xue Tan - Indiana University; Yingda Lu - University of Illinois Chicago; Lin Hao - University of Notre Dame; Yong Tan - University of Washington

How to Design an Internal Crowdsourcing System

Nicolas Knop - University Sankt Gallen School of Management; David Durward - University of Kassel; Ivo Blohm - University of St. Gallen

Get It before It's Gone? How Limited Rewards Influence Backers' Choices in Reward-Based Crowdfunding

Markus Weinmann; Matthias Tietz; Alexander Simons; Jan vom Brocke - University of Liechtenstein

Call for Bids to Improve Matching Efficiency: Evidence from Online Labor Markets

Xue Guo; Jing Gong; Paul Pavlou - Temple University

Track 7: Global IS Issues

IS Capabilities in the Development of an Innovation Ecosystem: A Case Study of the Hallyu (Korean Wave) Phenomenon

Dongyeob Daniel Kim; Barney Tan - University of Sydney; Felix Ter Chian Tan - University of New South Wales; Jan Ondrus - ESSEC Business School - Singapore Campus; Jungsuk Oh - Seoul National University College of Business Administration

Towards Methodological Support for Task Coordination in Global Product Software Engineering

Carolus Borromeus Widiyatmoko; Sietse Overbeek; Sjaak Brinkkemper - Utrecht University

Lending Motivation Meets Home and Cultural Bias: A Study on Kiva

Jiaqi Yan - Nanjing University; Yi Liu - ESC Rennes School of Business; Yani Shi - Southeast University; Kaixin Wang - Nanjing University

Track 8: Digital Platforms, Online Communities & Open Governance

APIs in Software Platform: Implications for Innovation and Imitation

Peijian Song - Nanjing University; Ling Xue - Georgia State University; Cheng Zhang - Fudan University; Arun Rai - Georgia State University

The Impact of Online Health Communities on Patients' Health Self-Management

Roberta Bernardi; Philip Wu - Royal Holloway University of London

Effects of Social Structures in Requirements Quality of Open Source Software Project Development

Deepa Gopal; Kalle Lytinen - Case Western Reserve University

Service Innovation through Application Programming Interfaces - Towards a Typology of Service Designs

Jochen Wulf; Ivo Blohm - University of St. Gallen

Gender Differences in Enterprise Social Network Usage and Transformation over Time

Johannes Schneider - Information Systems; Christian Meske - University Duisburg-Essen

Visualizing Platform Hubs of Smart City Mobility Business Ecosystems

Sven Rehm - WHU - Otto Beisheim School of Management; Anne Faber - Technical University of Munich; Lakshmi Goel - University of North Florida

Fintech Platform Development: A Revelatory Case Study of a Chinese Microloan Startup

Yat Sze Evelyn NG; Priyadharshini Muthukannan; Barney Tan - University of Sydney; Carmen Leong - University of New South Wales

Exploring User-Created Digital Content Ecosystem: A Study of China's Digital Celebrity Industry

Wilson Hua - UNSW; Carmen Leong - University of New South Wales; Jie Yu - Nottingham University Ningbo China

The Effects of Programming Style on Open Source Collaboration

Zhiyi Wang; Jungpil Hahn - National University of Singapore

Digital Innovation, Platform Orientation and the Performance of IT Startups

Divinus Oppong-Tawiah; Genevieve Bassellier - McGill University

Track 10: IT & Healthcare

Predicting Exercise Behavior in Fitness Applications: A Multi-Group Study

Ya Zhou; Atreyi Kankanhalli; Ke-wei Huang - National University of Singapore

Understanding Healthcare Digitalization: A Critical Realist Approach

Marius Mihailescu; Daniela Mihailescu - Uppsala Universitet Campus Gotland; Sven Carlsson - Informatics

The Impact of Introducing an Electronic Medical Record on the Use of Health Information Exchange in the Emergency Department

Liran Politi - Ben-Gurion University of the Negev; Shlomi Codish; Iftach Sagy - Soroka University Medical Center; Lior Fink - Ben-Gurion University of the Negev

Impact of IT Use by Older Adults on Their Outdoor Activities

Joerg Leukel; Barbara Schehl - University of Hohenheim; Susanne Wallrafen - Sozial-Holding der Stadt Mönchengladbach GmbH; Marvin Hubl - University of Hohenheim

Explaining Task Support Satisfaction on Electronic Patient Care Report (ePCR) in Emergency Medical Services (EMS): An Elaboration Likelihood Model Lens

Chul Woo Yoo; Jahyun Goo; Derrick Huang; Ravi Behara - Florida Atlantic University

Patient Involvement in Medical Decisions on Telemedicine Platforms: The Role of Social Presence and Mindfulness

Iman Taani; Isam Faik - National University of Singapore

Patient Privacy Decision Making in the Health Big Data Era

Jieun Shin - National University of Singapore

Theory-driven Persuasive Diet-based Application Design for Diabetic Patients

Lin Qiu - School of Computing; Bernard Tan - National University of Singapore

Self-Tracking Reconfigurations

Martin Stojanov; Mats Edenius - Uppsala University

The Paradoxical Effects of Impression Management on Subsequent Health Choices

Oteng Ntsweng; Zhi Quan Ong; Iman Taani; Ahmad Aasduhalla - National University of Singapore

Battling Diabetes through Food photography: An Image-based Utility Maximization Framework for Diet Diagnostics

Lin Qiu; Prasanta Bhattacharya; Tuan Phan - National University of Singapore

Track 16: Service Science & IS

How do Fintech Service Platforms Facilitate Value Co-Creation? An Analysis of Twitter Data
Christoph Breidbach; Sasitharan Ranjan - The University of Melbourne

Exploring Design Principles for Business Model Transformation Tools
Dominik Augenstein; Alexander Mädche - Karlsruher Institut für Technologie

Service-Dominant Logic and Information Systems Research: A Review and Analysis Using Topic Modeling
Leona Brust - RWTH Aachen University; Christoph Breidbach - The University of Melbourne; David Antons; Torsten-Oliver Salge - RWTH Aachen University

Giving Customers Exactly What They Want: A Networked Perspective of IT-Enabled Mass Personalization
Yat Sze Evelyn NG; Barney Tan - University of Sydney; Yuan Sun - Zhejiang Gongshang University; Felix Ter Chian Tan - University of New South Wales

A Nice and Friendly Chat with a Bot: User Perceptions of AI-Based Service Agents
Nancy Wuenderlich - University Paderborn Fakultät für Wirtschaftswissenschaften; Stefanie Paluch - RWTH Aachen University

Track 18: Social Media and Digital Collaboration

The reputation-related social media competence among employees in Germany, China and the U.S.: A cross-cultural scale validation

Fueling Virtual Teams with Creativity through Composition of Private and Public Workspaces
Xinlin Yao - Fudan University; Xixi Li - Tsinghua University; Cheng Zhang; Hong Ling - Fudan University

Leveraging the Benefits of Multiple-Team Membership in Virtual Teams
Xinlin Yao - Fudan University; Lionel Robert - University of Michigan

Stated Neutrality in Voting Networks – The Case of Wikipedia’s Request for Adminship
Johannes Putzke; Hideaki Takeda - National Institute of Informatics

Oops... I Did It Again! Accidental Embarrassing Exposures on Synchronous Social Messaging
Madhur Verma - University of New South Wales School of Information Systems Technology and Management; Ben Choi - Nanyang Technological University

Constructing an Applicability Framework for Organisational Social Media Use by Development NGOs
Anand Sheombar - Manchester Metropolitan University

Antecedents of Transactive Memory on Enterprise Social Media
Michael Nelson; Wietske van Osch - Michigan State University

Convergence of Crowdsourcing Ideas: A Cognitive Load perspective
Shixuan Fu - University of International Business and Economics; Gert-Jan de Vreede - University of South Florida; Xusen Cheng - University of International Business and Economics; Isabella Seeber; Ronald Maier - University of Innsbruck; Barbara Weber - Danmarks Tekniske Universitet

Charity or Investment: Linguistic Features of Identifiable Victim Effect in Microlending
Semi Min; Natalia Levina - New York University Stern School of Business

Customer Attitude from Social Media, Customer Satisfaction Index, and Firm Value
Sunghun Chung - University of Queensland; Animesh Animesh; Kunsoo Han - McGill University

Content Creators’ Psychological Capital, Satisfaction, and Deep Usage of Social Media
Anupriya Khan; Satish Krishnan - Indian Institute of Management Kozhikode

Open Strategy: State of the Art Review and Research Agenda
Anna-Sophie Saile - University of Cologne; Daniel Schlagwein - University of New South Wales Sydney; Detlef Schoder - University of Cologne

Is Socializing Loyalty Programs a Good Idea? – Empirical Evidence from a Large Quick Service Restaurant Chain
Guangrui Li; Mike K.P. So; Xiaojun Zhang; Kar Yan Tam - Hong Kong University of Science and Technology

Human Degradation with the use of Social Media: A Theological Perspective
Darshana D Sadera - Monash University Faculty of Information Technology; Sachithra Lokuge - Griffith University Griffith Business School; Dharshani Chandrasekara - Open University of Sri Lanka

Track 19: IT and Social Change

The Impact of Online Platforms on Labor Markets
Kartik Ganju; Genevieve Bassellier - McGill University

Sustainability in Business Process Models: A Taxonomy-Driven Approach to Synthesize Knowledge and Structure the Field
Thorsten Schoormann; Dennis Behrens; Ralf Knackstedt - University of Hildesheim

Wild Animals in Daily Life
Remo Frey - ETH Zurich; Gabriel Miller - San Diego Zoo Global; Alexander Ilic - ETH Zurich; Elgar Fleisch - University of St. Gallen; Alex Pentland - Massachusetts Institute of Technology

Sharing Economy Disruption and the Quest for New Institutional Legitimacy

Nila ZHANG; Siew Kien Sia - Nanyang Technological University; Gun-woong Lee - Sungkyunkwan University

"A Paypal for the Un-Banked": Analyzing Mobile-Based Micro-Cash Transfers in a Large Developing Economy
Xuesong LU; Alvaro Gonzalez Rivas - National University of Singapore; Prasanta Bhattacharya - Agency for Science,

Technology and Research (A*STAR); Tuan Phan - National University of Singapore

"Don't Call Me Refugee!"; – The Role of Social Identity in the Adoption of Refugee-Specific Mobile Applications
Florian Pethig; Markus Noeltner - University of Mannheim; Johana Cabinakova - Goethe University Frankfurt; Julia Krönung - University of Mannheim

Coffee Break

3:30 p.m. - 4:00 p.m., Coex Conference Room South Lobby

Monday, December 11, 2017 - 4:00 p.m. - 5:30 p.m.

Posters Group A

4:00 p.m. - 5:30 p.m., Third Floor Hallway

Panel: Leadership and Online Communities

4:00 p.m. - 5:30 p.m., 308B

Chair: Steven Johnson - University of Virginia

Leadership and Online Communities

Steven Johnson - University of Virginia; Sirkka Jarvenpaa - University of Texas, Austin; Hind Benbya - Montpellier Business School; Michael Barrett - University of Cambridge; Samer Faraj - McGill University

General Topics: Work Systems

4:00 p.m. - 5:30 p.m., 317C

Chair: Karlheinz Kautz - RMIT University College of Business

Transgressive Use of Technology

Michael Klesel; Kristina Lemmer; Ulrich Bretschneider; Björn Niehaves - University Siegen

Does Online Social Support Work in Stigmatized Chronic Diseases? A Study of the Impacts of Different Facets of Informational and Emotional Support on Self-Care Behavior in an HIV Online Forum

Xunyi Wang; Srikanth Parameswaran; Darshan Bagul; Rajiv Kishore - University at Buffalo - The State University of New York

Templates for Joined Work Systems – How Business Process Modularity and IT Flexibility Enable Mutual Understanding Among Business and IT

Christian Jentsch - University of Bamberg; Daniel Beimborn; Andreas Reitz - Frankfurt School of Finance, Management

IS and Healthcare: EHR Use und Performance

4:00 p.m. - 5:30 p.m., 327A

Chair: Indranil Bardhan - The University of Texas at Dallas

Dealing with Dissonance: Misfits Between an EHR System and Medical Work Practices

Bart Van den Hooff; Loes Hafkamp - VU University Amsterdam

"What You See is Not What You Get" - Challenges in Actualization of EHR Affordances

Geir Hausvik; Devinder Thapa - University of Agder

Measuring Relative Performance of Accountable Care Organizations: The Role of Health Information Technology
Chenzhang Bao; Indranil Bardhan - The University of Texas at Dallas

Security, Privacy & Ethics of IS: Privacy in the Digital Age

4:00 p.m. - 5:30 p.m., 308A

Chair: Pallab Sanyal - George Mason University

Angels and Demons: Is More Knowledge better than Less Privacy? An Empirical Study on a K-Anonymized Openly Available Dataset

Ferdinando Pennarola; Luca Pistilli - Università Commerciale Luigi Bocconi; Michael Chau - The University of Hong Kong

Creating Value from Personal Data – On the Legitimacy of Business Practices in the Field of Internet-Enabled Services
Patrick Cichy; Torsten-Oliver Salge - RWTH Aachen University

When Risk Perceptions Are Nothing but Guesses – An Evaluability Perspective on Privacy Risks

Hendrik Brakemeier; Amina Wagner; Peter Buxmann - Technische Universität Darmstadt

IS and Economics - Incentive Systems 2

4:00 p.m. - 5:30 p.m., 317A

Chair: Jing Wang - Hong Kong University of Science and Technology

Self-Governance of Online Communities: Evidence from a Regression Discontinuity Design

Jens Förderer - University of Mannheim

Does Monetary Incentive Lead to Better Stock

Recommendations on Social Media?

Hailiang Chen - City University of Hong Kong; Jeffrey Hu - Georgia Institute of Technology; Shan Huang - Massachusetts Institute of Technology

Sponsored Data Services and Consumer Welfare on Mobile Broadband

Liangfei Qiu - University of Florida; Chong (Alex) Wang - Peking University Guanghua School of Management; Jia Jia - Hong Kong University of Science and Technology

Human Behavior and IS - Impact of Digitalization

4:00 p.m. - 5:30 p.m., 317B

Chair: Tat Koon Koh - Hong Kong University of Science and Technology

The Impact of Digital Innovation on Path-Dependent Decision-Making: The Mediating Role of Risk Propensity and Opportunity-Threat Perception

Madeleine Rauch; Matthias Wenzel - Europa-Universität Viadrina; Heinz-Theo Wagner - German Graduate School

Digital Embeddedness and its Effect on Organizational Decision-Making

Haris Krijestorac; Rajiv Garg; Prabhudev Konana - University of Texas at Austin

Analyzing the ways IT has changed our TV consumption: Binge Watching and Marathon Watching

Bikesh Upreti; Jani Merikivi; Johanna Bragge; Pekka Malo - Aalto University

Peer-to-Peer and Crowd Markets - Social Factors in Electronic Markets

4:00 p.m. - 5:30 p.m., 318A

Chair: Keongtae Kim - Chinese University of Hong Kong

Social Structure and Trust in Massive Digital Markets

David Holtz - Massachusetts Institute of Technology Sloan School of Management; Diana MacLean - Facebook Inc; Sinan Aral - Massachusetts Institute of Technology

When in Doubt Follow the Crowd: How Idea Quality

Moderates the Effect of an Anchor on Idea Evaluation

Thomas Goerzen; Dennis Kundisch - University of Paderborn

What Drives the Competition of Cryptocurrency Exchanges?

Examining the Role of the Market and Community

Christian Janze; Ilya Gvozdevskiy - Goethe University Frankfurt

Strategy, Structure, and Organizational Impacts of IT: Operational Aspects of Digital Business Strategy

4:00 p.m. - 5:30 p.m., 318B

Chair: Young Ki Park - George Washington University

Total and Relative Value Gains in Business Process

Outsourcing

Sukruth Suresh - St. John Fisher College; T. Ravichandran - Rensselaer Polytechnic Institute

From Digital Business Strategy to Market Performance:

Insights into Key Concepts and Processes

Alexander Leischnig - Queen Mary University of London; Steffen Wöflf - University of Bamberg; Björn Ivens; Daniel Hein - University of Bamberg

Internally or Externally-Oriented IT Competencies: A

Configuration Theory Perspective on How to Build Demand Management Agility

Pankaj Setia; Kailing Deng - University of Arkansas; Rishikesh Jena - University of Alabama

Data Science, Decision Analytics and Visualization: E-Commerce

4:00 p.m. - 5:30 p.m., 318C

Chair: Xitong Li - HEC Paris

Pay Easy, Buy More: An Empirical Study of the Purchase Feature in Social Media Apps

Chenhui Guo - Michigan State University; Bin Zhang - University of Arizona; Xi Chen - Zhejiang University; Paulo Goes - University of Arizona

A Customized and Interpretable Deep Neural Network for High-Dimensional Business Data - Evidence from an E-Commerce Application

Patrick Urbanke - University of Munich; Alexander Uhlig - Universiteit Leiden CWTS; Johann Kranz - Ludwig-

Maximilians-Universität München

IS Development & Project Management: Managing Complex IT Projects and Networks

4:00 p.m. - 5:30 p.m., 327B

Chair: Gloria Liu - National Central University Taiwan

Forging a Double-Edged Sword: Resource Synergies and Dependencies in Complex IT Project Portfolios

Sven Radszuwill; Gilbert Fridgen - FIM Research Center

Getting a Grip on IT Project Complexity – Concluding to Underlying Causes

Anna Neumeier; Thomas Wolf - University Augsburg

The Process of Social Alignment and Misalignment within a Complex IT Project

Alicia Gilchrist; Andrew Burton-Jones; Peter Green; Michelle Smidt - Queensland University of Technology Business School

Tuesday, December 12, 2017

Early Morning Coffee

8:00 a.m. - 9:00 a.m., Coex Lu Restaurant

Registration

8:00 a.m. - 6:00 p.m., 300 Lobby

Tuesday, December 12, 2017 - 9:00 a.m. - 10:30 a.m.

Panel: Social Inclusion in the AIS Community

9:00 a.m. - 10:30 a.m., 308B

Chair: Emma Coleman - University of the Witwatersrand

Social Inclusion in the AIS Community: What, Why and How?

Emma Coleman - University of the Witwatersrand; Michelle Carter - Washington State University; Robert Davison - City University of Hong Kong; Wallace Chigona - University of Cape Town; Cathy Urquhart - Manchester Metropolitan University

IS and Economics - Public Policy

9:00 a.m. - 10:30 a.m., 317A

Chair: Zhiling Guo - Singapore Management University

Energy Efficiency in the Cloud: An Empirical Analysis of Information Technology Outsourcing, Cloud Computing, and Energy Efficiency

Jiyong Park - Korea Advanced Institute of Science and Technology; Kunsoo Han - McGill University; Byungtae Lee - Korea Advanced Institute of Science and Technology

Data Portability on the Internet: An Economic Analysis

Michael Wohlfarth - University of Passau

The Impact of DNS Blocks on Digital Piracy Activity

Filipa Reis - Carnegie Mellon University; Miguel Godinho de Matos - Universidade Catolica Portuguesa Faculdade de Ciencias Economicas e Empresariais; Pedro Ferreira - CMU

Human Behavior and IS - Strategic Behavior and IS

9:00 a.m. - 10:30 a.m., 317B

Chair: Barney Tan - University of Sydney

Nudging Users Into Online Verification: The Case of Carsharing Platforms

David Schneider - Technische Universität Darmstadt; Sebastian Lins - University of Kassel; Tillmann Grupp; Alexander Benlian - Technische Universität Darmstadt; Ali Sunyaev - University of Kassel

Aligning ICT-enabled Availability and Individual Availability Preferences: Design and Evaluation of Availability Management Applications

Katharina Schneider; Kathrin Reinke; Gisela Gerlach; Christoph Anderson; Sebastian Wojtek - University Kassel; Svenja Neitzel; Rahul Dwarakanath; Doreen Boehnstedt; Ruth Stock - Technische Universität Darmstadt

From Free to Pay: A Three-Stage Freemium Strategy

Pei-Fang Hsu; Wei-Chih Tsai - National Tsing Hua University

IT and Social Change - Agency in IS and Social Change: Power Asymmetries and Identities

9:00 a.m. - 10:30 a.m., 327A

Chair: Harris Kyriakou - Universidad de Navarra IESE Business School

Power in ICT4D projects: The case of an Indian Agricultural Marketing Board

Ranjan Vaidya; Michael Myers - University of Auckland

An Identity Driven Escalation of Commitment to Negative Spillovers

Christine Abdalla Mikhaeil - Paris Dauphine University; Richard Baskerville - Georgia State University

A Performative Identity Perspective of Cyberactivism: The Case of My Stealthy Freedom

Mahya Ostovar Ravari- ESSEC; Ulrike Schultze - Southern Methodist University

Transforming Society with Digital Innovation: A Community Focus

9:00 a.m. - 10:30 a.m., 308A

Chair: Marleen Huysman - VU Amsterdam

The Role of Consumption-based Analytics in Digital Publishing Markets: Implications for the Creative Digital Economy

Jinpyo Hong; Jaewon Lee - Korea Advanced Institute of Science and Technology College of Business

The Generativity of Remixing: Understanding Knowledge Reuse Process for Innovation in Online Communities

Yue Han - Le Moyne College; Jeffrey Nickerson - Stevens Institute of Technology

The Emergence of Digital Infrastructures from the Bottom-up: A Communities as Systems Perspective

Aljona Zorina - Leeds University Business School; Stan Karanasios - RMIT University

Cooperation, Combat, or Competence Building – What Do We Mean When We Are ‘Empowering Children’ in and through Digital Technology Design?

Marianne Kinnula; Netta Iivari; Tonja Molin-Juustila; Eino Keskitalo; Topi Leinonen; Eetu Mansikkamäki; Toni Käkelä; Martti Similä - University of Oulu

E-Business and E-Government: Auctions and Interactive Pricing

9:00 a.m. - 10:30 a.m., 317C

Chair: Zhongyun Phil Zhou - Tongji University

Achieving More by Paying Less? How Bricks-and-Mortar Retailers Can Benefit by Bidding Less Aggressively in Paid Search
Darius Schlangenotto; Dennis Kundisch; Dominik Gutt - Paderborn University

Effects of Pre-sales Posted Price Channel on Sequential B2B Dutch Flower Auctions

Huong May Truong - Erasmus Universiteit Rotterdam; Alok Gupta - University of Minnesota; Wolfgang Ketter; Eric van Heck - Rotterdam School of Management, Erasmus University

Omni-Channel Retail Capabilities: An Information Systems Perspective

Sabiölla Hosseini - University of Augsburg; Maximilian Roeglinger - University of Bayreuth; Fabian Schmied - University of Augsburg, FIM Research Center

Strategy, Structure, and Organizational Impacts of IT: Competitive Initiatives and Strategic Alignment

9:00 a.m. - 10:30 a.m., 318A

Chair: Xianghua Lu - Fudan University

Does IT Capability and Competitive Actions Shape Firm Profitability?

Inmyung Choi - McGill University Desautels Faculty of Management; David Cantor; Joey George - Iowa State University

Mobile Initiative and Firm Equity Value: An Event Study

Ziqing Yuan; Hailiang Chen; Choong Ling Sia - City University of Hong Kong

An Explanatory Study on the Co-evolutionary Mechanisms of Business IT Alignment

Fabrizio Amarilli - Politecnico di Milano; Mario van Vliet; Bart Van den Hooff - VU University Amsterdam

Digital Platforms, Online Communities, and Open Governance: Innovation Strategies for Digital Platforms

9:00 a.m. - 10:30 a.m., 318B

Chair: Stella Pachidi - University of Cambridge

Hands on the Wheel: Navigating Algorithmic Management and Uber Drivers' Autonomy

Mareike Mohlmann - University of Warwick; Lior Zalmanson - New York University

Coring on Digital Platforms – Fundamentals and Examples from the Mobile Device Sector

Benedict Bender; Norbert Gronau - University Potsdam

The Platform Owner's Challenge to Capture Value – Insights from a Business-to-Business IT Platform

Maximilian Schreieck; Manuel Wiesche; Helmut Krcmar - Technische Universität München (TUM)

In Cloud We Trust? Normalization of Uncertainties in Platform Services

Arvind Karunakaran - MIT Sloan

Social Media and Digital Collaboration - Communities and Networks

9:00 a.m. - 10:30 a.m., 318C

Chair: M.N. Ravishankar - Loughborough University

Sometimes a Cigar is Not Just a Cigar: Unfolding the Transcendence of Boundaries Across Cyber and Physical Communities

Spyros Angelopoulos - University of Tilburg; Yasmin Merali - University of Hull

Emergent User Roles of a Digital Workplace: A Network Analysis Based on Trace Data

Leonhard Frank; Henner Gimpel; Marco Schmidt; Manfred Schoch - University of Augsburg

Two Sides of the Same Coin? – The Effects of Hierarchy Inside and Outside Enterprise Social Networks

Julia Klier - University of Regensburg; Mathias Klier - University of Ulm; Alexander Richter - IT University of Copenhagen; Katharina Wiesneth - University of Regensburg

General Topics: Trust and Assistance

9:00 a.m. - 10:30 a.m., 327B

Chair: Jan Pries-Heje - Ruskilde University

Trust Transitivity and Propagation in Cloud Computing Ecosystems

Michael Adelmeyer; Peter Biermanski; Marc Waltherbusch; Frank Teuteberg - Osnabrück University

The Missing Framework for Virtually Assisted Activities

Jacob Steffen - University of Georgia; James Gaskin; Tom Meservy; Jeffrey Jenkins - Brigham Young University

Mobilizing Online Social Capital: The Relational View of Crowdfunding

Yongsuk Kim; Zhixing Zhang - Hong Kong University of Science and Technology

Career Connect

9:00 a.m. - 6:00 p.m., 327

Exhibits

9:00 a.m. - 5:30 p.m., 3F Lobby

ICIS 2017 Doctoral Student Corner

9:00 a.m. - 5:00 p.m., 325

Coffee Break

10:30 a.m. - 11:00 a.m., Coex Conference Room South Lobby

Tuesday, December 12, 2017 - 11:00 a.m. - 12:30 p.m.

Panel: Digital "X" - A New Tune for IS Research or Old Wine in New Bottles

11:00 a.m. - 12:30 p.m., 308B

Chair: Abayomi Baiyere - Copenhagen Business School

Digital "X" - A New Tune for IS research or Old Wine in New Bottles?

Abayomi Baiyere - Turun Yliopisto; Varun Grover - Clemson University; Alok Gupta - University of Minnesota; Stephanie Woerner - MIT; Kalle Lyytinen - Case Western Reserve University

Service Science and IS: Service Science

11:00 a.m. - 12:30 p.m., 318A

Chair: Christoph Breidbach - The University of Melbourne

Business Models in the Education Technology Industry: What Makes Them Successful?

Wiebke Wendler - Technical University of Munich; Jutta Stumpf-Wollersheim - Technische Universität Bergakademie Freiberg Fakultät für Wirtschaftswissenschaften; Isabell Welp - Technical University of Munich

A Decision Support System for Computation of Carsharing Pricing Areas and its Influence on Vehicle Distribution

Alfred Benedikt Brendel; Julian Brennecke; Patryk Zapadka; Lutz Kolbe - University of Göttingen

Service System Axioms that Accept Positive and Negative Outcomes and Impacts of Service Systems

Steven Alter - University of San Francisco

Security, Privacy & Ethics of IS: Security Management in Organizations

11:00 a.m. - 12:30 p.m., 308A

Chair: Tony Vance - Brigham Young University

The Ubiquitous Security Expert: Overconfidence in

Information Security

Clara Ament - Goethe-University Frankfurt am Main
Fachbereich 02 Wirtschaftswissenschaften

The Role of Top Managers' IT Security Awareness in Organizational IT Security Management

Rabea Sonnenschein; André Loske; Peter Buxmann - Technische Universität Darmstadt

Adoption of an Authentication System: Is Security the Only Consideration?

Fereshteh Ghahramani - University of Texas at Arlington; Jingguo Wang - The University of Texas at Arlington

IT Centralization, Security Outsourcing, and Cybersecurity Breaches: Evidence from the U.S. Higher Education

Che-Wei Liu; Peng Huang; Henry Lucas - University of Maryland

Human Behavior and IS - IS Acceptance and Usage

11:00 a.m. - 12:30 p.m., 317A

Chair: Shirish Srivastava - HEC Paris

Implications of Technological Progress for the Measurement of Technology Acceptance Variables: The Case of Self-efficacy

Deborah Compeau; John Correia - Washington State University; Jason Thatcher - Clemson University

One of Two or Two for One? - Analyzing Employees' Decisions to Dual Use Devices

Uwe Ostermann; Lukas Wiewiorra; Daniel Franzmann - Goethe University Frankfurt

Play with Google Cardboard in a Multiplayer Environment: How do Digital Natives and Digital Immigrants Differ?

Wan-Ning Wu; Feng-Yang Kuo - National Sun Yat-Sen University

Strategy, Structure, and Organizational Impacts of IT: Revisiting Business IT Alignment: Theoretical Thoughts

11:00 a.m. - 12:30 p.m., 317B

Chair: Lihui Lin - Tsinghua University

Rethinking IS Strategic Alignment: A Middle Management Perspective

Dorothy Leidner - Baylor University; Michael Milovich - Rowan University Rohrer College of Business; David Preston - Texas Christian University

Shaping an Innovative Information System Strategy: A CIO Issue Selling Perspective

Daniel Chen - Texas Christian University; Yanlin Zhang - Guangdong University of Technology - Longdong Campus; Kang Xie ; Jinghua Xiao - Sun-Yat Sen University

Understanding IT Alignment Paradox: A Three-Way Interaction of Intellectual Alignment, Social Alignment, and Environmental Dynamism

Jingmei Zhou - USTC-City University Joint Advanced Research Center; Yulin Fang - City University of Hong Kong; Pengfei Zhao - USTC-City University Joint Advanced Research Center, University of Science and Technology of China, City University of Hong Kong

Data Science, Decision Analytics and Visualization: Online Ratings

11:00 a.m. - 12:30 p.m., 317C

Chair: Wenjing Duan - George Washington University

RatingBot: A Text Mining Based Rating Approach

Diana Hristova - Deutsche Bank AG; Johannes Probst; Emanuel Eckrich - Deutsche Bank AG

The Impact of Rating System Design on Opinion Sharing

Ying Liu; Pei-yu Chen; Yili Hong - Arizona State University; Yong Ge - University of Arizona

Integrated Machine-Learning Algorithm for Identifying Segment-Level Key Drivers from Consumers' Online Review Data

Sunghoon Kim - Arizona State University

HCI, Design Issues and Design Science Research: HCI and Modeling

11:00 a.m. - 12:30 p.m., 318B

Chair: Bo Sophia Xiao - University of Hawaii

Proof or Pressure? How Visitor Traffic Disclosure Impacts Online Shopper Behavior

Uwe Messer - University of Bamberg; Alexander Leischnig - Queen Mary University of London; Elisabeth Distler - University of Bamberg

Discovery of Two Latent Loops of Designer-User Interaction in the Design Process

Jaehyun Park - Tokyo Institute of Technology; Dick Boland -

Case Western Reserve University

Visual Languages for Modeling Business Models: A Critical Review and Future Research Directions

Thomas John -; Dennis Kundisch; Daniel Szopinski - Paderborn University

Doing Practice Oriented Research

11:00 a.m. - 12:30 p.m., 318C

Chair: Siew Kien Sia - Nanyang Technological University Singapore

Keynote: Joe Peppard (ESMT Berlin)

General Topics: IS Reviews and Ecosystems

11:00 a.m. - 12:30 p.m., 327A

Chair: Christoph Rosenkranz - University of Cologne

Sports Digitalization: A Review and A Research Agenda

Xiao Xiao; Jonas Hedman - Copenhagen Business School; Felix Ter Chian Tan - University of New South Wales; Chee-Wee Tan; Torkil Clemmensen - Copenhagen Business School; Eric Lim - University of New South Wales; Stefan Henningsson - Copenhagen Business School; Raghava Mukkamala; Ravi Vatrappu - Copenhagen Business School; Jos van Hillegersberg - Twente University

Beyond the Review Sentiment: The Effect of Review Accuracy and Review Consistency on Review Usefulness

Navid Aghakhani - University of Tennessee at Chattanooga; Onook Oh; Dawn Gregg - University of Colorado Denver Business School

Unraveling the Interaction of Information Systems and Ecosystems - A Comprehensive Classification of Literature

Fabian Nischak - Georg-August-University Göttingen; Andre Hanelt; Lutz Kolbe - University of Göttingen

IS and Healthcare: Online Health Communities and Health Analytics

11:00 a.m. - 12:30 p.m., 327B

Chair: Till Winkler - Copenhagen Business School

The Impact of Introductory Incentives on New Users: Evidence from an Online Health Community

Xiaofei Zhang - Harbin Institute of Technology; Wei Chen; Bin Gu - Arizona State University; Xitong Guo - Harbin Institute of Technology

To Ask or Not To Ask? An Investigation of User Engagement and Doctor-Seeking Decision in Online Health Informediary

Dobin Yim - Fordham University; Jiban Khuntia - University of Colorado Denver; Sanghee Lim - The Johns Hopkins Carey Business School; Wenjing Duan - The George Washington University

Distributed Cognitive Expert Systems in Cancer Data

Analytics: A Decision Support System for Oral and Maxillofacial Surgery
Schahin Tofangchi - Georg August University Göttingen
Wirtschaftswissenschaftliche Fakultät; Andre Hanelt - Chair of Information Management; Florian Böhrnsen - University of Göttingen

IS Development & Project Management: Development Methods and Techniques in IT Projects

11:00 a.m. - 12:30 p.m., 327C

Chair: One-Ki Daniel Lee - University of Massachusetts Boston

Examining the concept of temporality in Information System Development Flow

Networking Lunch

12:00 p.m. - 1:00 p.m., Coex 300 Lobby

Tuesday, December 12, 2017 - 2:00 p.m. - 3:30 p.m.

Panel: Internet of Things: Opportunities and Challenges to Business, Society, and IS Research

2:00 p.m. - 3:30 p.m., 308B

Chair: J.P. Shim - Georgia State University

Internet of Things: Opportunities and Challenges to Business, Society, and IS Research

J.P. Shim - Georgia State University; Michel Avital - Copenhagen Business School; Alan Dennis - Indiana University; Olivia Sheng - University of Utah David Eccles School of Business; Matti Rossi - Aalto University; Carsten Sorensen - London School of Economics; Aaron French - University of New Mexico

E-Business and E-Government: Mobile Commerce, Mobile Marketing, and Location-Based Services

2:00 p.m. - 3:30 p.m., 317C

Chair: Ting Li - Erasmus University

The Curse of Mobile Marketing: A Mixed Methods Study on Individuals' Switch to Mobile Ad Blockers
Lea Müller; Jens Mattke - Otto-Friedrich-University Bamberg; Christian Maier; Tim Weitzel - University of Bamberg

Product Updates: Attracting New Consumers versus Alienating Existing Consumers
Jens Förderer; Armin Heinzl - University of Mannheim

Perceived Individual Cultural Values and ERP Users: The Case of Saudi Arabia
Hisham Alhirz - Al Yamamah University

Mairead O Connor; Denis Dennehy; Kieran Conboy - National University of Ireland - Galway

Social Influence Bias on Selling Choice in Social Commerce: a Multi-Alternative Context
He Huang; Zhijun Yan - Beijing Institute of Technology

A Workaround Model for Competent Project Managers using Agile Development in a Traditional Organization
Jignya Patel - Florida Institute of Technology; Robin Poston; Jasbir Dhaliwal - University of Memphis

Strategy, Structure, and Organizational Impacts of IT: Digital Innovation Complexity

2:00 p.m. - 3:30 p.m., 318A

Chair: Nicholas Berente - University of Georgia

New Entry Threats and Firm Performance in the IT Industry: The Moderating Role of Board Independence
Yang Pan - Louisiana State University College of Agriculture; Peng Huang; Anand Gopal - University of Maryland

Revisiting the Impact of Information Systems Architecture Complexity: A Complex Adaptive Systems Perspective
Raphael Schilling; Jannis Beese; Mohammad Kazem Haki; Stephan Aier; Robert Winter - University of St. Gallen

Analytics, Innovativeness, and Innovation Performance
Steffen Wöfl - University of Bamberg; Alexander Leischnig - Queen Mary University of London; Björn Ivens; Daniel Hein - University of Bamberg

Digital Platforms, Online Communities, and Open Governance: Emergence and Evolution of Digital Platforms

2:00 p.m. - 3:30 p.m., 318B

Chair: Carmen Leong - University of New South Wales

Towards an Integrated View of Multi-Sided Platforms Evolution
Kalina Staykova; Jan Damsgaard - Copenhagen Business School

The Relationship Between Process Variability and Structural Connectivity in Open Source Software Development
Xinyu Li - Case Western Reserve University; Fang Zhou - Temple University

Evolving Shared Platforms: An Imbrication Lens
Fatemeh Saadatmand - University of Borås; Rikard Lindgren - University of Gothenburg; Ulrike Schultze - Southern Methodist University

Research Methods, Theorizing and Philosophy: Platform for Progress

2:00 p.m. - 3:30 p.m., 308A
Chair: Anand Gopal - University of Maryland

The World Isn't Static, So Why Are We? How Agent Based Modeling Helps to Create and Test Dynamic IS Models and Theories
Horst Treiblmaier - MODUL University Vienna

A Decade of NeuroIS Research: Status Quo, Challenges, and Future Directions
René Riedl; Thomas Fischer - University of Applied Sciences Upper Austria; Pierre-Majorique Léger - HEC Montréal

Human-Computer Interaction Movement Indicators of Response Biases in Online Surveys
Jeffrey Jenkins - Brigham Young University; Joseph Valacich; Parker Williams - University of Arizona

Security, Privacy & Ethics of IS: Information Security and User Behavior

2:00 p.m. - 3:30 p.m., 317A
Chair: Marko Niemimaa - University of Jyväskylä

Examining Internet Users' Adaptive and Maladaptive Security Behaviors Using the Extended Parallel Process Model
Yan Chen - Florida International University

A Meta-Analytic Structural Equation Modeling Test of Protection Motivation Theory in Information Security Literature
Jian Mou - School of Economics and Management Xidian University; Jason Cohen - University of the Witwatersrand; JongKi Kim - Pusan National University

The Closer You Get the More Aware You Become – A Case Study about Psychological Distance to Information Security Incidents
Lennart Jaeger - German Graduate School of Management and Law; Clara Ament - Goethe-University Frankfurt am Main Fachbereich 02 Wirtschaftswissenschaften; Andreas Eckhardt - German Graduate School of Management and Law (GGS)

Analyzing Persistent Impact of Cybercrime on the Societal Level: Evidence for Individual Security Behavior
Markus Riek; Svetlana Abramova; Rainer Böhme - Innsbruck University

Data Science, Decision Analytics and Visualization: Customers

2:00 p.m. - 3:30 p.m., 317B
Chair: Soumya Sen - University of Minnesota

Loyalty Analytics: Predicting Customer Behavior Using Reward Redemption Patterns Under Mobile-App Reward Scheme
Yoonseock Son - Korea Advanced Institute of Science and Technology; Dobin Yim - Fordham University; Wonseok Oh - Korea Advanced Institute of Science and Technology

Data Mining for Individual Consumer Credit Default Prediction under E-commerce Context: A Comparative Study
Jilei Zhou - Peking University Guanghua School of Management

Predictive Customer Data Analytics – The Value of Public Statistical Data and the Geographic Model Transferability
Konstantin Hopf; Sascha Riechel; Mariya Sodenkamp - University of Bamberg; Thorsten Staake - ETH Zurich

Social Media and Digital Collaboration - Sentiment and Branding

2:00 p.m. - 3:30 p.m., 318C
Chair: Dan Kim - University of North Texas

Understanding Spillover Effects in Consumption of Rich Digital Media
Haris Krijestorac; Rajiv Garg; Vijay Mahajan; Frenkel ter Hofstede - The University of Texas at Austin

Customers' Influence Makes or Breaks Your Brand's Success Story – Accounting for Positive and Negative Social Influence in Online Customer Networks
Catherine Baethge; Julia Klier - University of Regensburg; Mathias Klier - University of Ulm; Georg Lindner - University of Regensburg

The Impact of Social Sentiment on Firm Performance Similarity
Kwansoo Kim - Izmir University of Economics; Sang-Yong Tom Lee - Hanyang University; Morad Benyoucef - University of Ottawa

IT and Social Change - Sustainable Business Strategies and Affordances for Change

2:00 p.m. - 3:30 p.m., 327A
Chair: Stefan Seidel - University of Liechtenstein

How to Become a Sustainability Leader? The Role of IS Affordances in Enabling and Triggering Sustainability Transformations
Christopher Henkel - Ludwig-Maximilians-Universität

München; Anna-Raissa Seidler - University Passau; Johann Kranz - Ludwig-Maximilians-Universität München; Marina Fiedler - University Passau

Adapting Carsharing Vehicle Relocation Strategies for Shared Autonomous Electric Vehicle Services
Alfred Benedikt Brendel; Sascha Lichtenberg; Ilja Nastjuk; Lutz Kolbe - University of Göttingen

Micro-Giving: On the Use of Mobile Devices and Monetary Subsidies in Charitable Giving
Dongwon Lee - Hong Kong University of Science and Technology; Anand Gopal - University of Maryland; Dokyun Lee - Carnegie Mellon University Tepper School of Business

Poster Slam Session 2

2:30 p.m. - 4 p.m., 327A

Chair: Hyunjeong Kang, Hongik University

Track 9: Security, Privacy & Ethics of IS

Organizational Security Learning from Incident Response
Jeb Webb; Atif Ahmad; Sean Maynard - University of Melbourne; Richard Baskerville - Georgia State University; Graeme Shanks - The University of Melbourne

Off the Leash: The Meaning of Non-Punitive Security Approaches to Organizational Insiders
Sebastian Schuetz - University of Arkansas Fayetteville; Rui Chen - City University of Hong Kong
Behavior Regulation in Social Media: A Neuroscientific Investigation

Yu-feng Huang; Feng-Yang Kuo - National Sun Yat-Sen University; Cathy Lin - National University of Kaohsiung

Understanding Privacy Threat Appraisal and Coping Appraisal Through Mindfulness
Jakob Wirth; Christian Maier; Sven Laumer; Tim Weitzel - University of Bamberg

"Thanks for Sharing": Using Hacker Forum Data for Prediction of Knowledge Sharing and Withholding Behaviors
Obi Ogbanufe; Dan Kim - University of North Texas

Opting for Identity Theft Protection Services: The Role of Anticipated Distress
Jingguo Wang - The University of Texas at Arlington; Adel Yazdanmehr - Baruch College, CUNY; Yuan Li - University of Illinois at Springfield; H.Raghav Rao - The University of Texas at San Antonio

Analyzing Software Vendors' Patch Release Behavior in the Age of Social Media
Romilla Syed - University of Massachusetts Boston

Conversational Assistants: Investigating Privacy Concerns, Trust, and Self-Disclosure
Kambiz Saffarizadeh; Maheshwar Boodraj - Georgia State University J Mack Robinson College of Business; Tawfiq

Alashoor - Georgia State University

The Impact of Culture on Information Security: Exploring the Tension of Flexibility and Control
Daniel Pienta; Wenxi Pu; Russell Purvis - Clemson University

Applying the Transtheoretical Model of Behavior Change to Online Self-Disclosure
Ersin Dincelli; Shobha Chengalur-Smith - University at Albany

Empowerment and BYOx: Towards Improved IS Security Compliance
Maximilian v.Welck; Manuel Trenz - University of Augsburg; Tina Jensen - Copenhagen Business School; Daniel Veit - University of Augsburg

Unblackboxing IT Certifications: A Theoretical Model Explaining IT Certification Effectiveness
Sebastian Lins; Ali Sunyaev - University of Kassel

Track 11: Research Methods, Theorizing and Philosophy
Capturing Reality in Flight? Empirical Tools for Strong Process Theory

Brian Pentland - Michigan State University; Jan Recker - Queensland University of Technology; Inkyu Kim - Michigan State University

An Isomorphic Model of Collective Innovative Use: Eliciting Motivation from Competence Through Team Composition
Yumei Luo - Yunnan University; Xixi Li - Tsinghua University; Cheng Zhang - Fudan University

The Development of a Temporal Information Dictionary for Social Media Analytics
Alivelu Mukkamala; Roman Beck - IT University of Copenhagen

Reconsidering the Measurement of Tie Strength in Online Social Networks
Kyuhan Lee; Sudha Ram - University of Arizona

Track 12: IS Development & Project Management

How to Gamify a Mobile Learning Application – A Modularization Approach
Sofia Schöbel; Andreas Janson; Sissy-Josefina Ernst - University of Kassel; Jan Marco Leimeister - University of St. Gallen

Team Diversity and Performance – How Agile Practices and Psychological Safety Interact
Phil Diegmann; Christoph Rosenkranz - University of Cologne

Journey Towards Agility: Where Are We Now And Where Are We Heading?
Tim Dreesen - University zu Köln Wirtschafts- und Sozialwissenschaftliche Fakultät; Phil Diegmann - University of Cologne

Success in Information Systems Projects: Exploring the Role of Justice Perception
Saifur Bhuiyan; Pankaj Setia - University of Arkansas

Ups and Downs in IS Projects – The Dynamic Interplay Between Control and Emotions
David Murungi; Martin Wiener; Marco Marabelli - Bentley University

Understanding the Impacts of Social Influence on Initial and Sustained Participation in Open Source Software Projects
Xiao Li - University of Zurich; Xuan Yang - Hong Kong Shue Yan University Department of Business Administration; Daning Hu - University of Zurich; Ji Wu - Sun Yat-Sen University; Harry Wang - University of Delaware

Exploring IT/S Risk Management Agility
Yi-Te Chiu - Victoria University of Wellington; Houn-Gee Chen; Yu-Qian Zhu - National Taiwan University of Science and Technology

Design an Information System to Stimulate Creativity in Organizations
Kesha Wu; Dick Boland - Case Western Reserve University

Designing a peer-based support system to support shakedown
Mahei Li - University of Kassel; Christoph Peters; Jan Marco Leimeister - University of St. Gallen

Track 13: Human Behavior and IS

Information Technology Professionals' Turnover Intentions: A Meta-Analysis of Perceived Organizational Factors
Ibtissam Zaza; Deborah Armstrong - Florida State University

More than the Sum of its Parts – Towards Identifying Preferred Game Design Element Combinations in Learning Management Systems
Sofia Schöbel; Sissy-Josefina Ernst - University of Kassel; Matthias Söllner; Jan Marco Leimeister - University of St. Gallen

Understanding the Influence of Personality Traits on Gamification: The Role of Avatars in Energy Saving Tasks
Nils Bergmann; Silvia Schacht; Ulrich Gnewuch; Alexander Mäde - Karlsruhe Institute of Technology

Personality and Technostress: Theorizing the Influence of IT Mindfulness
Christian Maier; Jakob Wirth; Sven Laumer; Tim Weitzel - University of Bamberg

Centrality of Information Networks in Tech-Oriented Companies: The Impact of Cognitive Flexibility
Yujie Zheng; Wai Fong Boh - Nanyang Technological University

Online Consumers' Attribution of Inconsistency Between Advice Sources
Hongki Kim; Izak Benbasat; Hasan Cavusoglu - University of British Columbia

Linguistic Style and Online Review Helpfulness
Fang Wang - Wilfrid Laurier University; Sahar Karimi - University of Liverpool Management School

Digital Game Narrative Quality: Developing a Measure
Ali Khan; Jane Webster - Queen's University

Social Identity and Information Privacy Preference
Yuting Gao; Zhenhui Jiang - National University of Singapore

Do Financial Incentives Induce More Online Participatory Behaviors?
Zhijun Yan; Lini Kuang; He Huang; Han Yang - Beijing Institute of Technology

Enhancing User Engagement through Enterprise Gamification: Identifying Motivational Affordances
Ayoung Suh - City University of Hong Kong

Perceived Role Relationships in Human-Algorithm Interactions: The Context of Uber Drivers
Xinru Page; Marco Marabelli - Bentley University; Monideepa Tarafdar - Lancaster University Management School

Data Breaches and the Individual: An Exploratory Study of the Op.m. Hack
Eric Bachura - University of Texas at San Antonio; Rohit Valecha; Rui Chen - Ball State University; H.Raghav Rao - The University of Texas at San Antonio

Engaging in Technology Extra-Role Behavior in a Human-IT Relationship: A Psychological Ownership Perspective
Haiyun Zou; Yulin Fang - City University of Hong Kong; Heshan Sun - Clemson University; Kai Lim - City University of Hong Kong

Individual-Level Effects of Transparency in ES Implementations: A Dual Perspective on Job and Technology Outcomes
Tobias Nisius; Kai Spohrer - University of Mannheim; Hartmut Hoehle - University of Arkansas; Rainer Schmitz - AI Industrial Services

A Mixed Method Approach to Understanding Crowdsources' Engagement Behavior
Julia Troll; Sven Naef; Ivo Blohm - University of St. Gallen

Is IT What You Make Out of IT? On Affordances, Goals, and Positive and Negative Consequences in Activity Tracking
Robert Rockmann; Heiko Gewald - Neu-Ulm University of Applied Sciences

Optimal Design of Gamified Incentive Hierarchies in Online Fitness Communities
Yang Yang - National University of Singapore; Yufei Yang - Singapore University of Technology and Design; Hock Hai Teo - National University of Singapore

Serious Games for Eco-Effective Transformations
Kenan Degirmenci - Queensland University of Technology

Asking Both the User's Brain and its Owner Using Subjective and Objective Psychophysiological NeuroIS Instruments
Ricardo Buettner - Aalen University

Track 14: Strategy, Structure, and Organizational Impacts of IT

Does IT Help Firms to Become More Entrepreneurial?: The Role of Enterprise IT
Sangwook Ha; Atreyi Kankanhalli; Ke-wei Huang - National University of Singapore

Examining the Association Between Industry IT Strategic Role and IT Governance Implementation

Anant Joshi - Maastricht University; Tim Huygh; Steven De Haes - University of Antwerp

Rushing for Gold: Tensions in Creating and Appropriating Value from Big Data

Wendy Günther; Mohammad Hosein Rezazade Mehrizi; Marleen Huysman; Frans Feldberg - VU University Amsterdam

Emergence and Mutability of Social Media Work Practices in Organizational Context

Najmeh Hafezieh; John Amis - University of Edinburgh

Dealing with Culture Conflicts to Drive Successful Technology Projects – a Case Study

Actualizing Affordances: A Socio-Technical Perspective on Big Data Analytics in the Automotive Sector

Christian Dremel; Matthias Herterich; Jochen Wulf; Benjamin Spottke - University of St.Gallen

Role of Information Quality for Value Co-Creation in B2B Service Orchestration Process

Arun Rai - Georgia State University; Xinlin Tang - Florida State University; Zhitao Yin; Stephen Du - Georgia State University

Network Structure, Social Hierarchy and Dynamics in IS-enabled Organizational Transformation

Jean-Loup Richet - University of Nantes

ICT Enabling Customer Agility: A Dynamic Capabilities Perspective

Amany Elbanna - Royal Holloway University of London; Petri Hallikainen - University of Sydney; Hilikka Merisalo-Rantanen - Aalto University

The Influence of Data Analytics Capabilities on Organizational Performance: The Mediating Role of Exploitative and Exploratory Innovation

Xiang Wan - University of Florida; Jiye Mao - Renmin University of China; JJ Hsieh - Georgia State University; Fu Chen - Hong Kong Polytechnic University

Track 15: Data Science, Decision Analytics and Visualization

The Impact of Big Data on Firm Data Diagnosticity: Mediating Role of Data Quality

Maryam Ghasemaghahi - McMaster University

Exploring Design Principles for a Business Model Mining Tool
Dominik Augenstein; Christian Fleig - Karlsruher Institut für

Technologie Fakultät für Wirtschaftswissenschaften

Understanding Reasons for Medication Nonadherence: An Exploration in Social Media Using Sentiment-Enriched Deep Learning Approach

Jiaheng Xie - University of Arizona; Xiao Liu - University of Utah David Eccles School of Business; Daniel Zeng - University of Arizona; Xiao Fang - University of Delaware

The Predictive Power of Engagement in Mobile Consumption

Tomer Geva; Shachar Reichman; Iris Somech - Tel Aviv University

Finding the Unicorn: Predicting Early Stage Startup Success through a Hybrid Intelligence Method

Dominik Dellermann; Nikolaus Lipusch; Philipp Ebel - Kassel University; Karl Popp - SAP AG and Co KG; Jan Marco Leimeister - University of St. Gallen

Does Lying Lead to More Viewers? The Effects of Lying on TV Ratings

Seyoung Seol; Jorge Mejia - Indiana University Bloomington Kelley School of Business

Predicting Corporate Venture Capital Investment

Ruiyun Xu; Hailiang Chen; Leon Zhao - City University of Hong Kong

A Study on Job Satisfaction Factors in Retention and Turnover Groups Using Dominance Analysis and LDA Topic Modeling with Employee Reviews on Glassdoor.com

Jongseo Lee - School of Integrated Technology, Yonsei University; Juyoung Kang - Ajou University College of Business Administration

IT-Enabled Role Playing in Service Encounter: Design a Customer Emotion Management System in Call Centers

Yiting Guo; Yilin Li; Qiang Wei; Sean Xin Xu - Tsinghua University

Predictive Power of Online and Offline Behavior Sequences: Evidence from a Micro-finance Context

Rishabh Mehrotra - University College London; Prasanta Bhattacharya; Tianhui Tan; Tuan Phan - National University of Singapore

Track 17: HCI, Design Issues and Design Science Research

Towards Designing Cooperative and Social Conversational Agents for Customer Service

Ulrich Gnewuch; Stefan Morana; Alexander Mädche - Karlsruhe Institute of Technology

Designing Interfaces to Induce Choice Closure: Why and How
Gabe Lee - Miami University; Andrew Chen - KU

Leveraging Heterogeneous Information Network for Community Recommendation

Weiwei Deng; Jian Ma - City University of Hong Kong

Mitigating the Dependence Bias in Online Ratings: A "Consider-the-Opposite" Strategy for Scale Prompting
Ding Wu; Xunhua Guo; Guoqing Chen - Tsinghua University

Breaking the Stereotypes: Digital Nudge to Attenuate Racial Stereotyping in the Sharing Economy
Aseem Pahuja; Chuan-Hoo Tan - National University of Singapore

Supporting Online Consumers by Identifying Consistency Distance Among Advice Sources
Hongki Kim; Izak Benbasat; Hasan Cavusoglu - University of British Columbia

You Can't Make Bricks Without Straw: Designing Systematic Literature Search Systems
Benjamin Sturm; Ali Sunyaev - University of Kassel

Touch Makes You Think Concretely: The Effects of Computer Interfaces on Product Evaluation
Xixian PENG; Xinwei Wang; Hock Hai Teo - National University of Singapore

Understanding Cooperative Learning in Context-Aware Recommender Systems: A User-System Interaction Perspective
Na Jiang - City University of Hong Kong; Chee-Wee Tan - Copenhagen Business School; Weiquan WANG - City University of Hong Kong; Hefu Liu; Jibao Gu - University of Science and Technology of China

Playful Design Elements and Stages of Player Experience in Gamification
Shih-Lun Tseng; Heshan Sun - Clemson University

Does the Activation Make a Difference? The Effects of Video Initiating Formats on Video Advertising Effectiveness
Xiaoyu Miao; Zhenhui Jiang - National University of Singapore

Track 20: Practice Oriented Research

It's All Fun and Games Until Someone Gets a Real Job!: From Online Gaming to Valuable Employees
Connie Barber - Southern Illinois University Edwardsville; Stacie Pettey - Baylor University; Diane Barber - Southern Illinois University Edwardsville

How Digital Transformation Affects Large Manufacturing Companies' Organization
Dominik Bilgeri - ETH Zurich; Felix Wortmann; Elgar Fleisch -

University of St. Gallen

Track 22: General Topics

Effects of Heterogeneity in Board IT Capital on Firm Innovation

Moksh Matta - University of British Columbia Sauder School of Business; Hasan Cavusoglu - Sauder School of Business, University of British Columbia; Nilesh Saraf - Simon Fraser University; Izak Benbasat - University of British Columbia

Cyber Incivility at the Workplace

Vivien Lim; Thompson Teo - National University of Singapore; Rohit Nishant - ESC Rennes

Expertise Diversity, Knowledge Integration, and Team Innovation

Yasser Rahrovani - Richard Ivey School of Business University of Western Ontario; Alain Pinsonneault - McGill University

A Business Process Perspective on IoT Implementation: Findings from a Comparative Case Analysis
Marcel Papert; Alexander Pflaum; Alexander Leischnig - University of Bamberg

A Fast and Comprehensive Literature Search Tool for Information Systems Researchers

Ruiyun Xu; Hailiang Chen; Leon Zhao - City University of Hong Kong

Towards Rethinking the Digital Divide – Recognizing Shades of Grey in Older Adults' Digital Inclusion

Charlotte Lameijer - Ministry of Security and Justice; Benjamin Mueller; Eveline Hage - University of Groningen

The Shifts of Fortune Test the Reliability of Friends – The Brittle Nature of Signal Reliability in Cloud Service Markets
Sebastian Lins - University of Kassel; David Schneider; Alexander Benlian - Darmstadt University of Technology; Ali Sunyaev - University of Kassel

A Framework for Artificial Knowledge Creation in Organizations

Antoine Harfouche; Bernard Quinio; Sana Skandrani - Université Paris-Nanterre; Rolande Marciniak - IDHES UMR 8533

Coffee Break

3:30 p.m. - 4:00 p.m., Coex Conference Room South Lobby

Tuesday, December 12, 2017 - 4:00 p.m. - 5:30 p.m.

Panel: Time to Reconsider Time in the Digital Age

4:00 p.m. - 5:30 p.m., 308B

Chair: James Gaskin - Brigham Young University

Time to Reconsider Time in the Digital Age

Brian Pentland - Michigan State University; James Gaskin - Brigham Young University; Jungpil Hahn - National University of Singapore; YoungKi Park - George Washington University; Anjana Susarla - Michigan State University

Data Science, Decision Analytics and Visualization: Novel Data

4:00 p.m. - 5:30 p.m., 308A

Chair: Gordun Burtch - University of Minnesota

Discovery of the Optimal Visualization for Representing Three Dimensions of Data Using Functional Magnetic Resonance Imaging

Saman Bina; William Graue; Donald Jones; Timothy Kaskela; Eric Walden - Texas Tech University

Excavating the Treasure of IoT Data: An Architecture to Empower Rapid Data Analytics for Predictive Maintenance of Connected Vehicles

Christian Gerloff - RWTH Aachen University; Catherine Cleophas - Lancaster University Management School

Understanding the Scene Data- Pavement Area Grouping in Images

Sromona Chatterjee; Björn Hildebrandt; Lutz Kolbe - University of Göttingen

E-Business and E-Government: Online Marketplaces

4:00 p.m. - 5:30 p.m., 317B

Chair: Min-Seok Pang - Temple University

Single-Dimensional Versus Multi-Dimensional Product Ratings in Online Marketplaces for Experience Goods

Murat Tunc; Huseyin Cavusoglu; Srinivasan Raghunathan - University of Texas at Dallas

Reading Minds from Reading Patterns: A Field Experiment on the Effectiveness of Consumption-based Targeting in E-Book Markets

Angela Choi; Wonseok Oh - Korea Advanced Institute of Science and Technology; Jae Yun Moon - Korea University

When a Loss is a Gain and When It's Just a Loss: The Effect of Loss Leader Strategy in Online Marketplaces

Kyungmin Choi - Korea Advanced Institute of Science and Technology College of Business; Sunghan Ryu - Shanghai Jiao Tong University; Daegon Cho - Korea Advanced Institute of Science and Technology College of Business

IS and Healthcare: Data Sharing, Privacy, and Trust in Health IT

4:00 p.m. - 5:30 p.m., 317C

Chair: Nirup Menon - George Mason University

Dr. Miller or Dr. Smith? Patients' Intentions to Make Appointments on Physician Rating Platforms

Mario Schaarschmidt; Stefan Ivens; Dirk Homscheid - University of Koblenz-Landau

Understanding Privacy Risk Perceptions of Consumer Health Wearables – An Empirical Taxonomy

Moritz Becker - LMU Munich; Christian Matt - University Bern Institut für Wirtschaftsinformatik; Thomas Widjaja - University Passau; Thomas Hess - Ludwig-Maximilians-University Munich

Sharing is About Caring? Motivating and Discouraging Factors in Sharing Individual Genomic Data

Scott Thiebes - University of Kassel; Kalle Lyytinen - Case Western Reserve University; Ali Sunyae - University of Kassel

Strategy, Structure, and Organizational Impacts of IT: Digital Entrepreneurship

4:00 p.m. - 5:30 p.m., 318A

Chair: Tuure Tuunanen - University of Jyväskylä

Digital Capabilities for Buffering Tensions of Structure, Space, and Time during Entrepreneurial Growth

Sanja Tumbas - IESE Business School; Nicholas Berente - University of Georgia; Jan vom Brocke - University of Liechtenstein

Towards a Taxonomy of Digital Business Models – Conceptual Dimensions and Empirical Illustrations

Maximilian Bock - Friedrich-Alexander-University Erlangen-Nürnberg; Martin Wiener - Bentley University

Two Tales of Technology: Business and IT Managers' Technological Frames Related to Cloud Computing

Sabine Khalil - Télécom Paristech; Till Winkler; Xiao Xiao - Copenhagen Business School

Global IS Issues

4:00 p.m. - 5:30 p.m., 318B

Chair: Carol Hsu - Tongji University

Processes of Relating: Cultural Implications in Information Systems Development

Sharon Geeling; Irwin Brown; Peter Weimann - University of Cape Town

Impact of Cloud on Firm Evolution: A Causal Model of a Latecomer ERP Firm in an Emerging Economy

Srujana Pinjala; Priya Seetharaman; Rahul Roy - Indian Institute of Management Calcutta

Problematising Development and Poverty in the ICT policy of Malawi
Frank Makoza; Wallace Chigona - University of Cape Town

Human Behavior and IS- Impact of IS on Human Behaviors

4:00 p.m. - 5:30 p.m., 317A

Chair: Yixin Zhang - University of Jyväskylä

The Influence of Social Cues on Users' Information Disclosure Intentions – The Case of Mobile Apps
Mirja Kroschke - University of Muenster; Michael Steiner - University Witten/Herdecke

Meaning of Work and Organizational Citizenship Behavior for IT Employees: The Mediating Role of Affective Commitment
Shalini Chandra - SP Jain School of Global Management; Shirish C. Srivastava - HEC Paris; Damien Joseph - Nanyang Technological University

Overcoming the Crowding-Out Effect of Monetary Incentive on Pro-Social Behavior

Dandan Qiao - Tsinghua University School of Economics and Management; Shun-Yang Lee - University of Connecticut; Andrew Whinston - University of Texas at Austin; Qiang Wei - Tsinghua University

Poster Slam B

4:00 p.m. - 5:30 p.m., Hallway

Chair: Hyunjeong Kang - Hongik University, Korea

Social Event Departure from Coex

5:45 p.m. - 7:15 p.m., Coex South Gate

Social Event

7:00 p.m. - 10:00 p.m., Floating Island at Hangang River
See App for Details

Wednesday, December 13, 2017

Wednesday, December 13, 2017 - 9:00 a.m. - 10:30 a.m.

E-Business and E-Government: Mobile Applications and E-Government

9:00 a.m. - 10:30 a.m., 310AB

Chair: Rony Medaglia - Copenhagen Business School

Do Mobile Applications Bring Longer Tail? An Empirical Study of Sales Concentration in Online Channels
Shahryar Doosti - University of Washington Michael G. Foster School of Business; Youwei Wang - Fudan University; Yong Tan - University of Washington

Battles of Mobile Payment Networks: The Impacts of Network Structure and Technology Complementarity on Consumer Loyalty

Kem Zhang; Qianwen Yang; Xiang Gong - University of Science and Technology of China; Matthew Lee - City University of Hong Kong

Gov2.0: Public Value Enabler

Mohammed Aladalah; Yen Cheung; Vincent Lee - Monash University

IS Curriculum & Education - Teaching Cases

9:00 a.m. - 10:30 a.m., 311AB

Chair: Sven Laumer - University of Bamberg

Driving Digitization at Audi
Martin Mocker; Nils Fonstad - MIT Sloan

Understanding the Value and Organizational Implications of Big Data Analytics – The Case of AUDI AG
Christian Dremel; Jochen Wulf - University of St. Gallen; Annegret Maier - Audi AG; Walter Brenner - University of St. Gallen

Analyzing and managing IT-induced work system changes
Sven Laumer; Christian Maier; Tim Weitzel - University of Bamberg

Transforming Society with Digital Innovation: A Societal Focus

9:00 a.m. - 10:30 a.m., 308A

Chair: Bart Van den Hooff - VU University Amsterdam

The Dark Side of Digital Transformation: The Case of Information Systems Education

Gabriele Piccoli; Joaquin Rodriguez; Biagio Palese - Louisiana State University; Marcin Bartosiak - University of Pavia

Network Structure, Social Hierarchy and Dynamics in IS-enabled Organizational Transformation
Jean-Loup Richet - University of Nantes

Enabling the Democratization of Innovation with Smart Toolkits

Hari Suman Naik; Albrecht Fritzsche - Friedrich-Alexander-University Erlangen-Nurnberg

Human Behavior and IS - IS Design and Human Behaviors

9:00 a.m. - 10:30 a.m., 301B

Chair: Seth Li

Avatars and Knowledge Sharing

Dennis Fehrenbacher - Monash University; Martin Weisner - The University of Melbourne

Patronizing Technology: An Emergent Technophilic Behavior

Shankhadeep Banerjee - Indian Institute of Management Calcutta; Indranil Bose - Indian Institute of Management Calcutta

Drivers of Market Success for Mobile Gaming Apps - Results of a Choice-Based Conjoint Experiment

Robér Rollin - Universität Siegen; Sascha Steinmann - University of Siegen; Hanna Schramm-Klein - University of Siegen; Florian Neus - Universität Siegen; Frederic Nimmermann - University Siegen

Peer-to-Peer and Crowd Markets - The Gig and Sharing Economy

9:00 a.m. - 10:30 a.m., 324AB

Chair: Bin Gu - Arizona State University

Organization-Sponsored Sharing Platforms: Managing the Dialectics of Conflicting Institutional Logics

Ulrike Schultze - Southern Methodist University; Anita Bhappu - University of California, Merced

Home Bias in Online Employment

Chen Liang; Kevin Hong; Bin Gu - Arizona State University

Competitive Positioning of Complementors on Digital Platforms: Evidence from the Sharing Economy

Michael Wessel - Copenhagen Business School; Ferdinand Thies - University of Liechtenstein; Alexander Benlian - Technische Universität Darmstadt

Coffee Break

10:30 a.m. - 11:00 a.m., Coex Conference Room South Lobby

IS and Economics - Rating and Valuations

9:00 a.m. - 10:30 a.m., 304AB

Chair: Rong Zeng- Hong Kong University of Science and Technology

The Traveling Reviewer Problem – Exploring the Relationship Between Offline Locations and Online Rating Behavior

Jürgen Neumann; Dominik Gutt; Dennis Kundisch - Paderborn University

The Impact of Information Security Breaches and IT Security Investments on a Firm's Competitors

Christina Jeong - University of Minnesota; Sang-Yong Tom Lee - Hanyang University; Jee-Hae Lim - University of Waterloo

Sourcing and Screening High-Tech Workers

Prasanna Tambe - University of Pennsylvania Wharton School; Xuan Ye - Boston College

Practice Oriented Research

9:00 a.m. - 10:30 a.m., 325AB

Chair: John Mooney - Pepperdine University

Alibaba's Digital Enablement Strategies in Rural China

Yenni Tim - University of New South Wales; Shan Ling Pan - University of New South Wales; Lili Cui - Shanghai University of Finance & Economics

Helping Employees to be Digital Transformers – the Olympus.connect Case

Benjamin Mueller - University of Groningen; Uta Renken - Olympus Europa SE & Co. KG

Disentangling the Fuzzy Front End of Digital Transformation: Activities and Approaches

Sabine Berghaus; Andrea Back - University of St. Gallen

Data Exhaust: Life Cycle, Framework and a Case Study of Stolen911.com

Daniel O'Leary - University of Southern California; Veda Storey - Georgia State University

Wednesday, December 13, 2017 - 11:00 a.m. - 12:30 p.m.

IT and Social Change - IS-Enabled Design of Market Change

11:00 a.m. - 12:30 p.m., 324AB

Chair: Johann Kranz - Ludwig-Maximilians-Universität München

A Multiyear Study of Smart Meter Adoption: Empirical Evidence from the United Kingdom

Jaeung Sim; Daegon Cho - Korea Advanced Institute of Science and Technology College of Business

Designing a Battery-Friendly Electricity Market

Yashar Ghiassi; Wolfgang Ketter - Erasmus University; John Collins - University of Minnesota College of Science and Engineering

The Sustainability Tipping Point in Electricity Markets

Derck Koolen; Wolfgang Ketter - Erasmus University; Liangfei Qiu - University of Florida; Alok Gupta - University of Minnesota

Research Methods, Theorizing and Philosophy: Advances in Design Research

11:00 a.m. - 12:30 p.m., 308A

Chair: Shirley Gregor - Australian National University

Establishing Reliability in Design Science Research

Richard Baskerville - Georgia State University; Mala Kaul - University of Nevada, Reno; Veda Storey - GSU

Exploring the Scientific Impact of Information Systems Design Science Research: A Scientometric Study

Gerit Wagner; Julian Prester; Guido Schryen - University Regensburg

Towards Critical Design Science Research

Netta Iivari; Kari Kuutti - University of Oulu

Digital Platforms, Online Communities, and Open Governance: Governing Digital Platforms and Online Communities

11:00 a.m. - 12:30 p.m., 301B

Chair: Panos Constantinides - University of Warwick

Multi-spatiality of Social Media Platforms: The Enactment of Trust in Fluid Space

Divya Sharma; Biswatosh Saha - Indian Institute of Management Calcutta

Building National eHealth Platforms: the Challenge of Inclusiveness

Polyxeni Vassilakopoulou - University of Agder; Miria Grisot - University of Oslo; Tina Jensen - Copenhagen Business School; Nina Sellberg; Johan Eltes - Karolinska Institutet; Anne Thorseng; Margunn Aanestad - University of Oslo

The Double-Edged Sword of Expert Reviewer Programs: The Effects of Offering Expert Reviewer Status on Review Generation

Jingchuan Pu; Young Kwark - University of Florida; Sangpil Han - Arizona State University WP Carey School of Business; Bin Gu - Arizona State University; Qiang Ye - Harbin Institute of Technology

Data Science, Decision Analytics and Visualization: Advertising and Revenue Lifting

11:00 a.m. - 12:30 p.m., 304AB

Chair: Hailiang Chen - City University of Hong Kong

Got Annoyed? Examining the Advertising Effectiveness and Annoyance Dynamics

Anindya Ghose - New York University; Param Singh - Carnegie Mellon University; Vilma Todri - Emory University

The Impact of Time-Shift TV on TV Viewership and Ad Consumption

Rodrigo Belo - RSM Erasmus University; Pedro Ferreira - Carnegie Mellon University; Miguel Godinho de Matos - Universidade Catolica Portuguesa Faculdade de Ciencias Economicas e Empresariais; Filipa Reis - Carnegie Mellon University

Revenue Uplift Modeling

Robin Gubela; Stefan Lessmann; Johannes Haupt; Annika Baumann; Tillmann Radmer - Humboldt-University of Berlin; Fabian Gebert - Akanoo GmbH

Security, Privacy & Ethics of IS: Information Security in Mobile and Social Media

11:00 a.m. - 12:30 p.m., 310AB

Chair: Jungwon Kuem - Wisconsin School of Business

A Privacy-Security Model of Mobile Cloud Computing Applications

Hamid Reza Nikkha; Rajiv Sabherwal - University of Arkansas

Strategies to Mitigate Knowledge Leakage Risk caused by the use of mobile devices: A Preliminary Study

Carlos Agudelo-Serna; Rachele Bosua; Atif Ahmad; Sean Maynard - University of Melbourne

Cure or Poison? Impact of Identity Verification on the Creation of Fake Posts on Social Media

Ada(Shuting) Wang - Temple University; Min-Seok Pang - University of Michigan; Paul Pavlou - Temple University

Social Media and Digital Collaboration - Teams And Roles

11:00 a.m. - 12:30 p.m., 311AB

Chair: Chunmian Ge - South China University of Technology

Forming Virtual Teams – Visualization with Digital Whiteboards to Increase Shared Understanding, Satisfaction and Perceived Effectiveness

Dominik Siemon - University of Braunschweig; Beke Redlich; Christoph Lattemann - Jacobs University Bremen; Susanne Robra-Bissantz - University of Braunschweig

Effects of ESM Usage on Job Performance through Task Structure: The Moderating Role of Team Diversity
Manting Deng; Hefu Liu; Guanqi Ding; qian Huang - University of Science and Technology of China

Implications of Alter Project Resources and Participant Roles for Open Source Software Project Commercial Success
Sherae Daniel - Carl H. Lindner College of Business;
Katherine Stewart

General Topics: Green, Persistent and Boundary-Spanning Systems

11:00 a.m. - 12:30 p.m., 325AB

Chair: Netta Iivari - University of Oulu

College-Based Career Interventions: Raising Employability and Persistence in Early Careers of IT Professionals

Tenace Setor; Damien Joseph - Nanyang Technological University

History of Green Information Systems and Technologies: Researching Origin, Development and Current Trends
Nataliya Shevchuk; Henry Oinas-Kukkonen; Harri Oinas-Kukkonen - University of Oulu


Uncovering the Boundary-Spanning Role of Information Systems Research in Trans-Disciplinary Knowledge Advancement

Fei Liu - Copenhagen Business School; Eric Lim - University of New South Wales; Chee-Wee Tan - Copenhagen Business School; Weiquan WANG - City University of Hong Kong



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