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  Ritu Agarwal  Jae Kyu Lee
Sogang University  University of Maryland  KAIST and Yonsei University
# Schedule at a Glance

## Friday, December 8

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 PM</td>
<td>Registration</td>
<td>Coex Conference Room South 300 Lobby</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>AIS Executive Committee Meeting</td>
<td>Intercontinental Seoul Coex Hotel - Apollo (30F)</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Bright Internet Global (BIG) Summit</td>
<td>Coex – 103</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>AIS Council Meeting</td>
<td>Intercontinental Seoul Coex Hotel - Apollo (30F)</td>
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## Saturday, December 9

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

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

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<tr>
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<tr>
<td>7:00 AM</td>
<td>Early AM Coffee and Muffins</td>
<td>Coex – Lu Restaurant</td>
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<td>7:00 AM</td>
<td>AIS Community Leaders Breakfast Meeting</td>
<td>Coex – 301A</td>
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<tr>
<td>7:30 AM</td>
<td>Registration</td>
<td>Coex Conference Room South 300 Lobby</td>
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<td>7:30 AM</td>
<td>CAIS Editorial Board Meeting</td>
<td>Coex – 310A</td>
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<tr>
<td>7:00 AM</td>
<td>THCI Editorial Board Meeting</td>
<td>Coex – 324</td>
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<tr>
<td>9:00 AM</td>
<td>Parallel Presentation Session 1</td>
<td>Coex – various</td>
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<tr>
<td>9:00 AM</td>
<td>Career Connect</td>
<td>Coex – 327</td>
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<tr>
<td>9:00 AM</td>
<td>Doctoral Student Corner</td>
<td>Coex – 308A</td>
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<tr>
<td>7:30 AM</td>
<td>CAIS Editorial Board Meeting</td>
<td>Coex – 310A</td>
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<tr>
<td>7:00 AM</td>
<td>THCI Editorial Board Meeting</td>
<td>Coex – 324</td>
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<tr>
<td>9:00 AM</td>
<td>Parallel Presentation Session 1</td>
<td>Coex – various</td>
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<tr>
<td>9:00 AM</td>
<td>Career Connect</td>
<td>Coex – 327</td>
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<tr>
<td>9:00 AM</td>
<td>Doctoral Student Corner</td>
<td>Coex – 308A</td>
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<tr>
<td>9:00 AM</td>
<td>Exhibits</td>
<td>Coex Conference Room South 3F Lobby</td>
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<tr>
<td>10:30 AM</td>
<td>Coffee Break</td>
<td>Coex Conference Room South 3F Lobby</td>
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<tr>
<td>11:00 AM</td>
<td>Keynote Session</td>
<td>Coex – Grand Ballroom 101-105</td>
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<td>12:30 PM</td>
<td>Awards Lunch</td>
<td>Coex – Grand Ballroom 101-105</td>
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<td>2:00 PM</td>
<td>Parallel Presentation Session 2</td>
<td>Coex – various</td>
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<td>2:00 PM</td>
<td>ICIS 2019 Committee Meeting</td>
<td>Coex – 310</td>
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<tr>
<td>3:30 PM</td>
<td>Coffee Break</td>
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<tr>
<td>4:00 PM</td>
<td>Parallel Presentation Session 3</td>
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<td>JAIIS Advisory Board Meeting</td>
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<td>5:00 PM</td>
<td>Past President’s Reception</td>
<td>Coex – 201</td>
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<tr>
<td>6:30 PM</td>
<td>Region 3 Scholars Reception</td>
<td>Coex – 301A</td>
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<td>6:30 PM</td>
<td>MIS Quarterly Senior Editors Meeting</td>
<td>Coex – 317C</td>
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<tr>
<td>Time</td>
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<td>7:00 AM</td>
<td>Early AM Coffee and Muffins</td>
<td>Coex – Lu Restaurant</td>
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<td>7:00 AM</td>
<td>JAIS Editorial Board Meeting</td>
<td>Coex – 208A</td>
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<tr>
<td>7:30 AM</td>
<td>Future Track Chair Meeting</td>
<td>Coex – 208B</td>
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<tr>
<td>7:30 AM</td>
<td>AIS College of Academic Leadership Breakfast Meeting</td>
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<tr>
<td>7:30 AM</td>
<td>AIS Women’s Networking Event</td>
<td>Coex – 308</td>
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<tr>
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<td>Registration</td>
<td>Coex Conference Room South 300 Lobby</td>
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<td>9:00 AM</td>
<td>Career Connect</td>
<td>Coex Conference Room South 300 Lobby</td>
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<tr>
<td>9:00 AM</td>
<td>Doctoral Student Corner</td>
<td>Coex – 308A</td>
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<tr>
<td>9:00 AM</td>
<td>Parallel Presentation Session 4</td>
<td>Coex – various</td>
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<tr>
<td>9:00 AM</td>
<td>Digital Leadership Summit (formerly CIO Symposium)</td>
<td>Coex – 307</td>
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<tr>
<td>9:00 AM</td>
<td>Exhibits</td>
<td>Coex Conference Room South 3F Lobby</td>
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<td>9:30 AM</td>
<td>ICIS 2018 Committee Meeting</td>
<td>Coex – 320</td>
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<td>10:30 AM</td>
<td>Coffee Break</td>
<td>Coex Conference Room South 3F Lobby</td>
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<td>10:45 AM</td>
<td>PACIS 2019 Meeting</td>
<td>Coex – 312</td>
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<td>Parallel Presentation Session 5</td>
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<td>PACIS Executive Committee</td>
<td>Coex – 208A</td>
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<td>12:30 PM</td>
<td>Networking Lunch</td>
<td>Coex Conference Room South 300 Lobby</td>
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<td>12:00 PM</td>
<td>Information Systems Journal Editorial Board Meeting</td>
<td>Coex – 324</td>
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<tr>
<td>2:00 PM</td>
<td>Parallel Presentation Session 6</td>
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<td>2:00 PM</td>
<td>AMCIS 2019 Committee Meeting</td>
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<td>ICIS 2020 Committee Meeting</td>
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<td>Parallel Presentation Session 7</td>
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<td>5:40 PM</td>
<td>Social Event Transportation</td>
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<tr>
<td>7:00 PM</td>
<td>Social Event</td>
<td>Floating Island at Hangang River See App for Details</td>
</tr>
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<td>Time</td>
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<tr>
<td>7:00 AM</td>
<td>Early AM Coffee and Muffins</td>
<td>Coex – Lu Restaurant</td>
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<td>8:00 AM</td>
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<td>9:00 AM</td>
<td>Parallel Presentation Session 8</td>
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<td>9:00 AM</td>
<td>Smart Fintech Seminar</td>
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<td>12:30 PM</td>
<td>KrAIS Workshop</td>
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<td>KMIS Conference 2017 Fall</td>
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<tr>
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<td>KMIS Conference 2017 Fall</td>
<td>Coex – 307</td>
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<tr>
<td>10:30 AM</td>
<td>Coffee Break</td>
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<td>11:00 AM</td>
<td>Parallel Presentation Session 9</td>
<td>Coex – various</td>
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<td>11:00 AM</td>
<td>Paper-a-Thon Winner Presentations</td>
<td>Coex – 317C</td>
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<tr>
<td>11:00 AM</td>
<td>Senior Scholar’s Forum</td>
<td>Coex – 317B</td>
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<tr>
<td>12:00 PM</td>
<td>International Workshop on Grounded Theory Research</td>
<td>Coex – 301A</td>
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<tr>
<td>12:30 PM</td>
<td>Social Inclusion Research Workshop</td>
<td>Coex – 317A</td>
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<tr>
<td>12:45 PM</td>
<td>Senior Scholar Lunch</td>
<td>Coex – 317B</td>
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<td>MIS Quarterly Reviewer Development</td>
<td>Coex – 308B</td>
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<td>2:00 PM</td>
<td>KMIS 2</td>
<td>Coex – 308C</td>
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<tr>
<td>2:00 PM</td>
<td>KMIS 3</td>
<td>Coex – 310</td>
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<tr>
<td>2:00 PM</td>
<td>KMIS 4</td>
<td>Coex – 311</td>
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<tr>
<td>2:00 PM</td>
<td>Smart Fintech 2</td>
<td>Coex – 314</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Smart Fintech 3</td>
<td>Coex – 315</td>
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<tr>
<td>2:30 PM</td>
<td>College of Senior Scholars Annual Meeting</td>
<td>Coex – 327BC</td>
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</table>
COEX Third Floor
Sponsors

Emerald

Gold

Silver

Additional Sponsors

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University of Texas - Dallas
Heinz College (Carnegie Mellon University)
McCombs School of Business (University of Texas)
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Univ. of Minnesota Carlson School of Mgmt
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Doctoral Consortium Reunion Sponsor
Doctoral Consortium Reunion Sponsor
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.

Prospect Press is growing to provide a full line of textbooks for the IS curriculum. Please visit our website to request an electronic review copy of any of our titles at www.ProspectPressVT.com
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!!
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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

<table>
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<tr>
<th>Name</th>
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<td>Liliane Ableitner</td>
<td>ETH Zurich</td>
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<td>Jiye Baek</td>
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<td>Ruth Cruz</td>
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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 Crowdlending 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 Stanevska-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
Avgoustia 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 - Université 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 Leischneg - Queen Mary University of London; Steffen Wölfl - University of Bamberg

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

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
Hüseyin Tanriverdi; 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 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 Nærland - 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 Schürtz; 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

**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
Toward a Future Re-allocation 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 2: 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 Pamaru - Purdue University Krannert School of Management; Warut Khem-am-nual - 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 3: Economic and Value of IS
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
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
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

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
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
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; Marijn 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 Sjöstrom; 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 Fakultat fur 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
Dongyeb Daniel Kim; Barney Tan - University of Sydney; Felix Ter Chian Tan - University of New South Wales; Jan Ondrus - ESSEC Business School - Singapore Campus; Jungskuk 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
Robert Bernardi; Philip Wu - Royal Holloway University of London
Effects of Social Structures in Requirements Quality of Open Source Software Project Development
Deepa Gopal; Kalle Lyytininen - 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 Wallraff - 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 Falik - 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 Edénius - Uppsala University
The Paradoxical Effects of Impression Management on Subsequent Health Choices
Oteng Ntsweng; Zhi Quan Ong; Iman Taani; Ahmad Aasdullah - 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 fur 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 Wunderlich - University Paderborn Fakultat fur 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; Wietse 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*
Sung hun 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 Seder - 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; Sirrika 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
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
Madeleine Rauch; Matthias Wenzel - Europa-University 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 Gvozdevsky - 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 Wölfl - 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 - Universität 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

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 Davidon - 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

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 Dwarkanath; Doreen Boehnstedt; Ruth Stock - Technische Universität Darmstadt

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

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 Mikhail - 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 Schultz - 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 livari; Tonja Molin-Juustila; Eino Keskitalo; Topi Leinonen; Eetu Mansikkamäki; Toni Kääkelä; 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

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 Walterbusch; 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
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

Wiebke Wendler - Technical University of Munich; Jutta Stumpf-Wollersheim - Technische University Bergakademie Freiberg Fakultat fur Wirtschaftswissenschaften; Isabell Welpe - 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 Xia; 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 Vatrapu - 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 Gottingen; 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 Infomediary
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
Analytic: 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
Raphael Schilling; Jannis Beese; Mohammad Kazem Haki; Stephan Aier; Robert Winter - University of St. Gallen
Analysis, Innovativeness, and Innovation Performance
Steffen Wölf - University of Bamberg; Alexander Leischning - 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-Majornique 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-Maximillians-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 Dincell; Shobha Chengalur-Smith - University at Albany

Empowerment and BYOx: Towards Improved IS Security Compliance
Maximilian v.Welck - 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
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
Yumel 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 Dreessen - 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
Xia 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
Haiyuan 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 Spoerer - University of Mannheim; Hartmut Hoehle - University of Arkansas; Rainer Schmitz - Al 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
Songwook 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 Günter; 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

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Emergence and Mutability of Social Media Work Practices in Organizational Context

Track 15: Data Science, Decision Analytics and Visualization

The Impact of Big Data on Firm Data Diagnosticity: Mediating Role of Data Quality
Maryam Ghasemaghaei - McMaster University

Exploring Design Principles for a Business Model Mining Tool
Dominik Augenstein; Christian Fleig - Karlsruher Institut fur Technologie Fakultat fur 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 und 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
Yiling 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 Mädeche - 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 Petter - 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

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 Leischning - 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 - Universite 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

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 Schaarshmidt; 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 fur 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 Sunyaev - 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-Nurnberg; Martin Wiener - Bentley University

Two Tales of Technology: Business and IT Managers’ Technological Frames Related to Cloud Computing
Sabine Khalil - Télecom 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

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 Mock; Nils Fonstad - MIT Sloan
Understanding the Value and Organizational Implications of Big Data Analytics – The Case of AUDI AG
Christian Dreme; 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 Weltzel - 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 Fritzschke - 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 - Universitat Siegen; Sascha Steinmann - University of Siegen; Hanna Schramm-Klein - University of Siegen; Florian Neus - Universitat 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

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 OLeary - University of Southern California; Veda Storey - Georgia State University

Coffee Break
10:30 a.m. - 11:00 a.m., Coex Conference Room South Lobby
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 Nikkhah; Rajiv Sabherwal - University of Arkansas

Strategies to Mitigate Knowledge Leakage Risk caused by the use of mobile devices: A Preliminary Study
Carlos Agudelo-Serna; Rachelle 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 White-boards 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
LEAD FEARLESSLY

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