

## 2021 Pre-ICIS SIG-HCI Workshop Schedule

[Sunday | December 12<sup>th</sup>, 2021]

Time	Session	Presentation
08:00 – 08:10 (CST)	<b>Program Chairs' Welcome Remarks</b>	
08:10 – 09:00 (CST)	<p><b><u>Session 1</u></b>  <i>Presentation</i>                      12' Present / 3' Q&amp;A</p>	<ul style="list-style-type: none"> <li>▪ <b>Classification of Online Consumer Reviews for Digital Product Innovation: A Motivation Perspective</b> Chenxi Zhang, Bingqing Xiong, Eric T. K. Lim, Chee-Wee Tan, and Zeshui Xu</li> <li>▪ <b>Understanding Online Review Helpfulness: A Color Theory Perspective</b> Xuecong Lu, Milena Head, and Junyi Yang</li> <li>▪ <b>Would You Recommend This Product? A Topic Modeling Approach to Understanding Review Behaviors</b> Long The Nguyen and Zachary Sheffler</li> </ul>
09:00 – 9:35 (CST)	<p><b><u>Session 2</u></b>  <i>Presentation</i>                      12' Present / 3' Q&amp;A</p>	<ul style="list-style-type: none"> <li>▪ <b>Promoting Eco-driving through Persuasive Visualization</b> Zhiyin Li and Ben Choi</li> <li>▪ <b>Evaluating User Experience in Multisensory Meditative Virtual Reality: A Pilot Study *</b> Shady Guertin-Lahoud, Constantinos K. Coursaris, Jared Boasen, Theophile Demazure, Shang-Lin Chen, Nadine Dababneh, Sylvain Sénécal, and Pierre-Majorique Léger</li> </ul>
09:35 – 9:55 (CST)	<p><b><u>Interactive Sessions 1 &amp; 2:</u></b> <i>Each presenter will be hosting a virtual table, which you join for any additional questions and an in-depth discussion</i>                      5 Tables (5' each)</p>	
9:55 – 10:00 (CST)	<b>Break</b>	
10:00 – 10:15 (CST)	<p><b><u>Video Montage</u></b>  <i>Rapid Research Roundtable</i></p>	
10:15 – 11:10 (CST)	<p><b><u>Interactive Session</u></b>  <i>Rapid Research Roundtable</i>                      6 Tables (15' each)</p>	<ul style="list-style-type: none"> <li>▪ <b>Factors Affecting Student's Performance and Intention to Use Hybrid Mode Learning</b> Dharini Suresh Kumar and Sherrie Y. X. Komiak</li> <li>▪ <b>Items to a Research Agenda for Geopolitical Issues in HCI</b> Torkil Clemmensen</li> <li>▪ <b>Meaningful Engagement in Gamified Online Quizzes: The Role of Students' Gaming of Orientation</b></li> </ul>

		<p>Fatma Elbabour and Milena Head</p> <ul style="list-style-type: none"> <li>▪ <b>Synchronous or Asynchronous? Investigating the Impact of Online Learning Overload on Student Outcomes</b></li> </ul> <p>Suchi Oza and Monideepa Tarafdar</p> <ul style="list-style-type: none"> <li>▪ <b>What Can Mental Health Teach Us About Social Media Screen Time Misestimation?</b></li> </ul> <p>Mark J Keith, Parker Nokes, and Alexandra Spruill</p> <ul style="list-style-type: none"> <li>▪ <b>Why Do People Fear AI? Let's Talk Morality</b></li> </ul> <p>Elora Das and Eric Walden</p>
<b>11:10 – 11:20 (CST)</b>	<b>Break</b>	
<b>11:20 – 12:10 (CST)</b>	<p style="text-align: center;"><b>Session 3</b> <i>Presentation</i> 12' Present / 3' Q&amp;A</p>	<ul style="list-style-type: none"> <li>▪ <b>Using Socialization and Personalization Strategies to Mitigate Intrusiveness of Social Network Advertising</b></li> </ul> <p>Honghong Huo, Qingfei Min, Zilong Liu, and Dezhi Wu</p> <ul style="list-style-type: none"> <li>▪ <b>Investigating the Influence of Technostress and Financial Stress on Users' Psychophysiological and Behavioral Responses: A Pilot Study *</b></li> </ul> <p>Marion Korosec-Serfaty, René Riedl, Sylvain Sénécal, and Pierre-Majorique Léger</p> <ul style="list-style-type: none"> <li>▪ <b>Effects of Supervisors' Technology-Mediated Interruption Behavior on Their Work-Life Balance</b></li> </ul> <p>Jinwei Cao, Zhining Wang, and Xinfeng Ye</p>
<b>12:10 – 13:00 (CST)</b>	<p style="text-align: center;"><b>Session 4</b> <i>Presentation</i> 12' Present / 3' Q&amp;A</p>	<ul style="list-style-type: none"> <li>▪ <b>Me, You and AI – Managing Human AI Collaboration in Computer Aided Intelligent Diagnosis</b></li> </ul> <p>Maximilian Grüning and Manuel Trenz</p> <ul style="list-style-type: none"> <li>▪ <b>Toward a Taxonomy of Service-Oriented Chatbots</b></li> </ul> <p>Jonilda Bahja and Paul Lowry</p> <ul style="list-style-type: none"> <li>▪ <b>Improving the Quality of Survey Data: Using Answering Behavior as an Alternative Method for Detecting Biased Respondents *</b></li> </ul> <p>Manasvi Kumar, David Kim, Joseph S. Valacich, Jeffrey L. Jenkins, and Alan R. Dennis</p>
<b>13:00 – 13:25 (CST)</b>	<p><b>Interactive Sessions 3 &amp; 4:</b> <i>Each presenter will be hosting a virtual table, which you join for any additional questions and an in-depth discussion</i> 6 Tables (5' each)</p>	
<b>13:25 – 13:30 (CST)</b>	<b>Break</b>	

<b>13:30 – 14:15 (CST)</b>	<b><u>Industry Keynote</u></b> 30' Talk / 15' Q&A	<b>Alex Games</b> [ <a href="https://www.linkedin.com/in/ivanalexgames">https://www.linkedin.com/in/ivanalexgames</a> ] <i>Group Product Manager</i> Engineering Education Google
<b>14:15 – 14:25 (CST)</b>	<b>Break</b>	
<b>14:25 – 15:10 (CST)</b>	<b><u>Academic Keynote</u></b> 30' Talk / 15' Q&A	<b>Joseph Valacich</b> [ <a href="https://eller.arizona.edu/people/joseph-valacich">https://eller.arizona.edu/people/joseph-valacich</a> ] <i>Munsinger Professor of Entrepreneurship and Innovation</i> Department of Management Information Systems Eller College of Management University of Arizona
<b>15:10 – 16:00 (CST)</b>	<b>Award Ceremony and Business Meeting</b>	

**\* Best Paper Nomination**

### **Author Bios**

**Alan R. Dennis** is Professor of Information Systems and holds the John T. Chambers Chair of Internet Systems in the Kelley School of Business at Indiana University. He was named a Fellow of the Association for Information Systems in 2012 and served as the President of AIS in 2019-2020. His research focuses on team collaboration, fake news, and artificial intelligence.

**Alexandra Spruill** is a graduated Master of Information Systems Management student from Brigham Young University.

**Ben Choi** is an Assistant Professor at the Nanyang Technological University. He has published multiple papers in premier information systems journals including, Information Systems Research, Journal of Management Information Systems, and Journal of the Association for Information Systems. His research interests focus on business applications of data visualization and artificial intelligence, information privacy, as well as sustainability.

**Bingqing Xiong** is a Ph.D. candidate of the University of Science and Technology of China and City University of Hong Kong Joint Advanced Research Center. Her research interests include digital storytelling, innovation diffusion of information products, mobile commerce, and human-computer interaction. Findings from her research has been presented in at leading international conferences in field of information system.

**Chee-Wee Tan** is a Professor with Special Responsibilities in Research Excellence at the Department of Digitalization in Copenhagen Business School (CBS). He received his Ph.D. in Management Information Systems from the University of British Columbia. His research interests focus on design and innovation issues related to digital services. His work has been published in leading peer-reviewed journals such as MISQ, ISR.

**Chenxi Zhang** is a PhD candidate in the Business School, Sichuan University, Chengdu, China. She received the M.S. degree from the Business Administration School, Northeastern University, Shenyang, China in 2020. Her research interests are data-driven decision analysis in big data, modelling based on user generated content and computing with words.

**Constantinos K. Coursaris** is Associate Professor of Information Technology, Academic Director of M.Sc. User Experience, Co-Director of Tech3Lab, and Principal Collaborator for the NSERC-Prompt Industrial Research Chair in User Experience at HEC Montréal. Constantinos is currently Past Chair of AIS SIGHCI and AIS AVP Research Resources. His human-computer interaction research explores user motivations, expectations, and experiences with new media and the consequent design implications for information systems.

**David Kim** is a fourth-year Ph.D. student at the University of Arizona. David's primary research interest centers on Dual Process Theory, deception detection, human-computer Interaction, and mobile data analytics. David's research examines how intuitive and deliberate thinking manifests in various device usage behaviors.

**Dezhi Wu** is an Associate Professor in the Department of IIT at the University of South Carolina, Columbia, SC, USA. She is the former AIS SIGHCI Chair. Her research interests include HCI, information security, health IT, and AI. She has widely published in technology and business journals and serves as a track chair and AE for several leading conferences and journals.

**Dharini Suresh Kumar** is an MSc student at the Faculty of Business, Memorial University of Newfoundland, Canada. She completed her undergraduate in Computer Science Engineering from the University of Amrita Vishwa Vidyapeetham, India. Her interests are mainly in the Big Data Analytics, Business Intelligence and Market Research areas.

**Elora J. Das** is a first year Ph.D. student in the area of Information Systems and Quantitative Sciences at Texas Tech University. Elora's broader research interests include Artificial Intelligence and NeuroIS. Currently, Elora works as a lab assistant at Texas Tech University's psychophysiological NeuroTech lab.

**Eric T. K. Lim** is a tenured senior lecturer in Information Systems and Technology Management (SISTM) at UNSW Business School, Sydney. Eric's research interests focus on exploring the impact of digitalization on individuals, organizations, and the broader society, paying particular attention to the design and innovation of digital services across a variety of contexts such as crowd platforms, Fintech, and healthcare.

**Eric Walden** is a James C. Wetherbee Professor in the area of Information Systems and Quantitative Sciences at Texas Tech University. He is also the director of the Texas Tech Neuroimaging Institute and is a founding member of the NeuroIS Society. He received his Ph.D. from the University of Minnesota.

**Fatma Elbabour** is an Information Systems PhD candidate at the DeGroot School of Business, McMaster University. She holds an MSc in Information Systems from the University of East Anglia, and a BSc in Information Technology from the University of Benghazi. She is interested in HCI, technology use in learning environments, and her current research aims to understand online learning experiences.

**Honghong Huo** is a Ph.D. candidate of Management Science and Engineering at the School of Economics and Management, Dalian University of Technology, China. Her research interests include electronic commerce strategy, social commerce, advertising reactance and artificial intelligence (AI).

**Jared Boasen** is a cognitive neuroscientist and Postdoctoral Fellow at the Tech3Lab at HEC Montréal. He is also a Guest Research Associate in the Faculty of Health Sciences at Hokkaido University where he is one of the founding members of the magnetoencephalographic hyperscanning research group. His research interests include sensory processing, musical, aging, and social neuroscience.

**Jeff Jenkins** is an Associate Professor of Information Systems at Brigham Young University's Marriott School of Business. He is also a Co-Founder and Chief Innovation Officer at Neuro-ID, Inc. He specializes in the detection of emotion and cognitive states through HCI devices, cybersecurity, and tech entrepreneurship. He received his PhD in Management Information Systems from the University of Arizona.

**Jinwei Cao** is an Associate Professor of Management Information Systems (MIS) at the University of Delaware. Jinwei's research focuses on social computing, technology mediated learning, and knowledge management. She has published in journals such as Journal of Management Information Systems, Journal of Business Research, and Communications of the Association for Information Systems.

**Jonilda Bahja** is a doctoral student in Business Information Technology at Virginia Tech. Her research focuses on HCI, social presence, and humanizing conversational AI in service industries using a mixed-method approach.

**Joseph S. Valacich** is the Munsinger Professor of Entrepreneurship and Innovation at the University of Arizona. His research focuses on human-computer interaction (HCI), deception detection, cybersecurity, and e-business. Dr. Valacich has published in numerous prestigious journals, including *Academy of Management Journal*, *Accounting*

*Review, Information Systems Research, Journal of Applied Psychology, Journal of MIS, MIS Quarterly, Management Science, and many others.*

**Junyi Yang** is a Ph.D. candidate of Information Systems at the DeGroote School of Business, McMaster University. Her research focusses on human computer interaction in the context of online learning. Her research activities have resulted in 7 peer-reviewed articles in conference proceedings, including International Conference on Information Systems, and among others.

**Long The Nguyen** is a PhD Candidate in Information Systems at the Isenberg School of Management, University of Massachusetts Amherst. His research involves motivation, persuasion, trust, and the role of IS artifacts in these psychological processes. Long's projects were presented at AMCIS 2019, 2020, 2021 and ICIS 2020. Long expects to be active on the job market in Spring 2022.

**Manasvi Kumar** is a fourth-year doctoral student in the Department of Management Information Systems at the University of Arizona. He received his master's degree in Business Analytics from UIC, Chicago, USA in 2018 and a dual-degree from IIT Kharagpur, Kharagpur, India in 2016. His primary research interests include deception detection and human-computer interaction.

**Manuel Trezz** is Professor for Interorganizational Information Systems at the University of Göttingen, Germany. His research is concerned with data-driven innovations, platforms and ecosystems and has appeared in journals such as MIS Quarterly, Journal of Management Information Systems, and European Journal of Information Systems.

**Marion Korosec-Serfaty** is a PhD student in Information Technologies at Tech3Lab, HEC Montreal and a Research and Graduate Teaching Assistant. Her research focuses on technostress and digital financial services. She has +15 years of experience as digital marketing account director for mainstreams companies such as Accenture. She also holds a M.Sc. in International Management, with specialization in organizational socio-anthropology from HEC Montreal.

**Mark J Keith** is the David and Knight Distinguished Fellow and Associate Professor of Information Systems in the Marriott School of Business at Brigham Young University. His research focuses on behavioral implications of information privacy and security, application machine learning in healthcare, and creative self-efficacy and problem-solving in business and healthcare contexts.

**Maximilian Grüning** is a doctoral researcher at the Chair of Interorganizational Information Systems at the University of Göttingen, Germany. He holds a master's degree in management and information systems from the University of Münster, Germany. His research focuses on configurations of human-AI collaboration and the role of AI in physicians work routines, decision-making and behavior.

**Milena Head** is a Professor of Information Systems, Wayne C. Fox Chair in Business Innovation and Academic Director of the Executive MBA program at the DeGroote School of Business, McMaster University. Her research focuses on HCI, technology use and misuse. She has published over 130 peer-reviewed papers in academic journals, books and conferences including *MIS Quarterly* and *Information Systems Research*.

**Monideepa Tarafdar** is Charles J. Dockendorff endowed professor at Isenberg School of Management, UMass Amherst. She is Senior Editor at Information Systems Research and Information Systems Journal.

**Nadine Dababneh** is a research assistant at Tech3Lab and a first-year medical student at University of Montreal. She has great interest in clinical research.

**Parker Nokes** is a recently graduated Master of Information Systems Management student at Brigham Young University. He is looking to pursue a PhD. His research interests are machine learning, deep learning, explainable AI, and operations research.

**Paul Benjamin Lowry** is the Suzanne Parker Thornhill Chair Professor and Eminent in Business Information Technology at the Pamplin College of Business at Virginia Tech. He has published 220+ publications, including 120+ journal articles in *MISQ, ISR, JMIS, JAIS, ISJ, EJIS, Decision Sciences J., IJHCS, JASIST, I&M, CACM, and DSS*. His research interests include (1) organizational and behavioral security and privacy; (2) online deviance, online

harassment, and computer ethics; (3) HCI, social media, and gamification; and (4) E-commerce, decision science, innovation, and supply chains.

**Pierre-Majorique Léger** is the senior chairholder of the NSERC-Prompt Industrial Research Chair in User Experience (UX). He holds a Ph.D. from École Polytechnique de Montréal and has done post-doctoral studies in IT at HEC Montréal and NYU. He is the co-director of the Tech3Lab, a research laboratory in the field human factors in information technologies.

**Qingfei Min** is Professor of information systems at School of Economics and Management, Dalian University of Technology, China. His research interests include IT/IS implementation and adoption, e-commerce /m-commerce behavior and strategies, global virtual team, and social medias.

**René Riedl** is a Professor of Digital Business and Innovation at the University of Applied Sciences Upper Austria and an associate professor of Business Informatics at the University of Linz. Moreover, he is the scientific director of the NeuroIS Society and serves as a conference co-chair of the NeuroIS Retreat ([www.NeuroIS.org](http://www.NeuroIS.org)). He has published in journals such as MISQ, JAIS, JMIS, EJIS, JIT, or PLoS ONE.

**Shady Guertin-Lahoud** is an M.Sc. candidate in User Experience (UX) at HEC Montréal. Her background in cognitive sciences and consciousness research has shaped her human-centered approach in UX. Her current research explores the bridge between technology, arts, and science in evaluating optimal experiences that attend to humans' therapeutic needs.

**Shang-Lin Chen** holds an M.Sc. in Statistics and is a current Ph.D. student in Data Science. He is a member of the Tech3Lab at HEC Montréal.

**Sherrie Komiak** is an Associate Professor of Information Systems at the Faculty of Business, Memorial University of Newfoundland, Canada. She received her Ph.D. from the University of British Columbia, Canada. Dr. Komiak's research interests are mainly in the Human-Computer Interactions in MIS area, including trust and distrust in information systems, cognitive and affective beliefs in information systems, recommendation agents, healthcare information systems, electronic commerce, and information system adoptions. Dr. Komiak published on MISQ, JAIS, and other journals and conferences.

**Suchi Oza** is a PhD student of Information Systems at the University of Massachusetts, Amherst. She has recently worked on the impact of technology related overload in the online learning context. At a broader level she is interested in Human Computer Interaction (HCI) research.

**Sylvain Sénécal** is Professor of Marketing, RBC Financial Group Chair of E-Commerce, and Co-director of the Tech3Lab at HEC Montreal. His research focuses on online consumer behavior and consumer neuroscience. It has been published in journals such as *Journal of the Academy of Marketing Science* and *Journal of the Association for Information Systems*.

**Théophile Demazure** is a Ph.D. candidate in Information Technology at HEC Montréal under the NSERC-Prompt Industrial Research Chair in User Experience. Théophile published in multidisciplinary outlets such as *Frontiers in Human Neuroscience*, *Business & Information Systems Engineering*, or *NeuroIS*. His research explores the human factor side of human-computer interaction in performance-oriented environments.

**Torkil Clemmensen** is a Professor at the Department of Digitalization, Copenhagen Business School, Denmark. He obtained his PhD from University of Copenhagen (psychology). His research interest is in psychology as a science of design. His research centres on cultural-psychological perspectives on usability, user experience, and digitalization of work. He contributes to Human-Computer Interaction, Design, and Information Systems.

**Xinfeng Ye** is an Associate Professor of Electronic Commerce in the China University of Mining and Technology. Her current research interests include safety management, and organizational behavior. She has published articles in scholarly journals including *Journal of Vocational Behavior*, *Journal of Safety Research*, *Management Decision*, *Soft Science*, *Statistics and Information Forum*, and *Technique economics and Management Research*.

**Xuecong Lu** is a Postdoctoral Fellow of Information System at the DeGroot School of Business, McMaster University. His research focuses on human computer interaction, artificial intelligence and neuroIS. His research

activities have resulted in over 25 peer reviewed articles in academic journals and conference proceedings such as Scientific reports, IEEE Transactions, Frontiers in Neuroscience and Neurobiology of aging.

**Zachary Sheffler** is an Assistant Professor in the Department of Operations and Information Management at the Isenberg School of Management, UMass Amherst. Dr. Sheffler's research interests include the intersection of individual decision making and information systems, typically through the lens of video games and gamification. His research has been published in the European Journal of Information Systems among others.

**Zeshui Xu** is the Distinguished Young Scholar of the National Natural Science Foundation of China and the Chang Jiang Scholars of the Ministry of Education of China. He is currently a Professor with the Business School, Sichuan University and also with the College of Sciences, PLA University of Science and Technology. His research interests include information fusion, computing with words, and aggregation operators.

**Zhining Wang** is an Associate Professor of Management in the China University of Mining and Technology. His current research interests include knowledge management, intellectual capital, human resource management and organizational behavior. His research has appeared in scholarly journals including Journal of Business Research, Personnel Review, The International Journal of Human Resource Management, Decision Support Systems, and Management Decision.

**Zhiyin Li** is a Ph.D. candidate in Information Systems at Nanyang Technological University. Her research focuses on persuasive visualizations, designing technology for sustainability, and behavioral economics. Zhiyin's studies utilized both laboratory experiments and field experiments. She has presented her work at PACIS, CSWIM, Pre-ICIS workshop on HCI Research, and MISQ Author Development Workshop.

**Zilong Liu** is a Professor in the Department of Information Management, School of Management Science and Engineering, Dongbei University of Finance and Economics, China. His research interests include information privacy and social media.