AIS SIGHCI Newsletter

Association for Information Systems
Special Interest Group on Human Computer Interaction

Volume 19 Issue 1   **August 2020**

Inside

A Message from the Chair

Dear fellow SIGHCI members and friends,

In the wake of a pandemic that has certainly affected us all albeit to a varied degree, it is admittedly hard to find the time let alone the energy and motivation to remain active within one's responsibilities let alone within a broader community. Yet, I am happy to report that your SIGHCI and THCI Boards have been doing just that! Over the past few months, numerous initiatives have taken place, a few of which I am happy to summarize below:

- SIGHCI was recognized by the AIS as an Outstanding Community in 2019! This was the 6th consecutive year our SIG was honored, since the AIS initiated this distinction in 2014; of course, we're aiming for a 7-peat!
- SIGHCI-sponsored Tracks at ECIS, PACIS, and AMCIS featured 76 papers!
- THCI was included and ranked as an "A" journal in the 2019 Australian Business Deans Council (ABDC) Journal Quality List (http://bit.ly/abdclist)!
- The SIGHCI website was recreated on the WordPress platform for easier maintenance, the content continues to be updated, and the URL remains the same, i.e. https://sighci.org/!
- You can now submit a story you would like to have featured on social media and/or the newsletter via an online form! Visit https://bit.ly/sighcistory.
- SIGHCI is piloting a research project in support of a larger AIS initiative, details for which will be shared at the pre-ICIS Business Meeting!
- SIGHCI is reaching out to other AIS SIGs to explore synergies, and SIGSAND is the first to confirm their interest to partner (http://sigsand.com/)!
- The SIGHCI Board held its first-ever AMCIS Virtual Board Meeting with great success and will be repeating it again both in October and again at ICIS!
- A SIGHCI General Membership Meeting is being planned at the conclusion of our annual pre-ICIS Workshop, scheduled for Saturday, December 12!
- The Call for Papers for the pre-ICIS Workshop has been announced, and submissions are due on September 13: http://bit.ly/sighciworkshop20
- SIGHCI social media accounts have been publishing regular posts (~4x per week), attracting and reaching more individuals than ever before! Please connect with us on:
  - Facebook: https://www.facebook.com/sighci
  - LinkedIn Profile: https://www.linkedin.com/company/ais-sighci
  - LinkedIn Group: https://www.linkedin.com/groups/1613567/
  - Twitter: https://twitter.com/aissighci

There is plenty more that your SIG Executives, Officers, and Members are working on, and we hope you will be able to participate virtually at the pre-ICIS Workshop and Business Meeting to learn more. Until then, wishing everyone a smooth, healthy, and productive academic year ahead!

Constantinos K. Coursaris
SIGHCI's head servant (a.k.a. Chair)

AIS SIGHCI One-Year Report: 7/2019 – 6/2020

Constantinos Coursaris, SIGHCI Chair (2019-2020)
with the assistance of SIGHCI advisors and officers

July 1, 2020
http://www.sighci.org/

SIGHCI is the Special Interest Group on Human Computer Interaction affiliated with the Association for Information Systems (AIS). The SIG was approved by the AIS council in Spring 2001 and was one of the first six SIGs announced on ISWorld in July 2001. Since then, SIGHCI has become one of the largest and most active AIS SIGs.

1. MISSION & TOPICS

SIGHCI provides a forum for AIS members to discuss, develop, and promote a range of issues related to the history, reference disciplines, theories, practice, methodologies and techniques, new developments, and applications of the interaction between humans, information, technologies, and tasks, especially in the business, managerial, organizational, social, and cultural contexts. SIGHCI's mission is twofold:

- To facilitate the exchange, development, communication, and dissemination of information among AIS members;

- To promote research related to human-computer interaction within business, managerial, and organizational contexts among AIS members and to the larger community of practitioners and scholars.

To fulfill our mission, SIGHCI is involved in several conferences, workshops, and other endeavors. Activities and accomplishments of the SIG in the 2019-2020 year are included in Section 3 of this report.

2. OFFICERS, GOVERNANCE, AND BYLAWS

The Advisory Board members and officers serving from July 2019 to June 2020 were as follows:

Advisory Board

Dennis Galletta, University of Pittsburgh, galletta@katz.pitt.edu
Izak Benbasat, University of British Columbia, Izak.benbasat@sauder.ubc.ca
Fiona Fui-Hoon Nah, Missouri University of Science and Technology, nahf@mst.edu
Joe Valacich, University of Arizona, valacich@email.arizona.edu
Ping Zhang, Syracuse University, pzhang@syr.edu
Traci Hess, University of Massachusetts, Amherst, thess@isenberg.umass.edu
Dezhi Wu, University of South Carolina, dezhi.wu@gmail.com
Dianne Cyr, Beedie School of Business, Simon Fraser University, cyr@sfu.edu
Soussan Djamasbi, Worcester Polytechnic Institute, djamasbi@wpi.edu
Miguel Aguirre-Urreta, Texas Tech University, miguel.aguirre-urreta@ttu.edu
Zhenhui (Jack) Jiang, National University of Singapore, jiang@comp.nus.edu.sg

Chair
Constantinos K. Coursaris, HEC Montréal, coursaris@hec.ca (7/19-6/21)

Past Chair
Greg Moody, University of Nevada-Las Vegas, greg.moody@unlv.edu (7/19-6/21)

Advisory Board Chair
Dennis Galletta, University of Pittsburgh, galletta@katz.pitt.edu (2/14-6/21)

Secretary and Treasurer
Anna McNab, Niagara University, amcnab@niagara.edu (7/14-6/22)

Vice Chair for Sponsorship
Jinwei Cao, University of Delaware, jcao@udel.edu (7/16-6/21)

Vice Chair for Research Resources
Wietske Van Osch, HEC Montréal, vanosch@hec.ca (7/19-6/21)

Vice Chair for Teaching Resources
Lingyun Qiu, Peking University, qiu@gsm.pku.edu.cn (7/19-6/21)

Vice Chair for Membership
Prateek Jain, Worcester Polytechnic Institute, pjain@wpi.edu (7/18-6/21)

Listserv Manager
Listserv Manager: Ping Zhang, Syracuse University, pzhang@syr.edu (7/05-6/21)

Newsletter Editor
Prateek Jain, Worcester Polytechnic Institute, pjain@wpi.edu (7/18-6/21)

Webmaster
Ulrich Gnewuch, Karlsruhe Institute of Technology, ulrich.gnewuch@kit.edu (1/20-6/21)

Social Media Manager
Simon Bullock, HEC Montréal, simon.bullock@hec.ca (6/20 - 6/21)

Student Ambassador
Prateek Jain, Worcester Polytechnic Institute, pjain@wpi.edu (7/18-6/21)

Conference and Track Chairs

Conference Co-Track Chair for PACIS 2020

Susanna Ho, Australian National University (susanna.ho@anu.edu.au)

Tan Chuan Hoo, National University of Singapore (tancho@comp.nus.edu.sg)

Ben Choi, Nanyang Technological University (benchoi@ntu.edu.sg)

Conference Co-Track Chair for ECIS 2020

Stefan Morana, Karlsruhe Institute of Technology (stefan.morana@kit.edu)

Alan R. Hevner, University of South Florida (ahevner@usf.edu)

Shirley Gregor, Australian National University (shirley.gregor@anu.edu.au)

Marc T. P. Adam, The University of Newcastle (marc.adam@newcastle.edu.au)

Conference Co-Mini-Track Chair for HICSS 2020

Christoph Schneider, University of Navarra (cschneider@iese.edu)

Joe Valacich, University of Arizona (valacich@arizona.edu)

Jeffrey Jenkins, Brigham Young University (jeffrey_jenkins@byu.edu)

Workshop Co-Chair for Pre-ICIS HCI Workshop 2019

Constantinos K. Coursaris, HEC Montréal (coursaris@hec.ca)

Greg Moody, University of Nevada-Las Vegas (greg.moody@unlv.edu)

Conference Co-Track Chair for ICIS 2019

Lionel P. Robert, University of Michigan (lprobert@umich.edu)

Ben Choi, Nanyang Technological University, Singapore (benchoi@ntu.edu.sg)

Sri Kudaravalli, HEC Paris (kudaravalli@hec.fr)

Conference Co-Track Chair for AMCIS 2019

Miguel I. Aguirre-Urreta, Texas Tech University (miguel.aguirre-urreta@ttu.edu)

Dezhi Wu, University of South Carolina (dezhiwu@cec.sc.edu)

Jeff Jenkins, Brigham Young University (jeffrey_jenkins@byu.edu)

Conference Co-Chair for HCI in Business, Government and Organizations at HCII 2019

Fiona Fui-Hoon Nah, Missouri University of Science and Technology, nahf@mst.edu

Keng Siau, Missouri University of Science and Technology, siauk@mst.edu

3. ACTIVITIES & ACCOMPLISHMENTS

3.1. AIS Outstanding SIG Award

Due to the high level of interest and support from enthusiastic SIG members and the hard work of the organizing team, SIGHCI continues to be **the largest** and certainly among, if not the most active AIS SIGs. SIGHCI is among the 37 AIS Communities to earn the designation of Outstanding SIG, Chapter, or College for 2019. The communities receiving the Outstanding SIG, Chapter, or College recognition excelled in operations, member communications, education and/or professional development events, and research publications. Read the full announcement by the AIS here: https://aisnet.org/news/506067/AIS-Honors-37-Outstanding-Communities.htm

3.2. Identity and Community Building

In keeping with its mission, SIGHCI continues to advance the goal of building a community of scholars who share common interests and who appreciate and help develop each other's work.

Our membership roster has 325 current (i.e., paid) members as of August 1, 2020. The membership has a global impact representing six continents and nearly 50 countries. The SIG continues to work with AIS to integrate SIG membership renewals with general conference registrations and AIS membership renewals. This integration should result in a greater number of current (paid) members.

3.3. Communications and Outreach

In the past year, we have continued to promote awareness of SIGHCI, to extend the identity and reputation of SIGHCI, and to promote dialogs with the MIS community and other related external parties. These activities are carried out using four levels of communication (see prior years' reports for details): SIG-wide communication, promotion of HCI in the I.S. community, dialog with other HCI-related associations (including ACM SIGCHI and IFIP TC13), and connections with industry. In an effort to further support our members and the HCI community, all SIGHCI workshop papers from 2003 are made available through the AIS e-Library at http://aisel.aisnet.org/sighci/.

In addition, the SIGHCI listserv was created as a broadcast medium for MIS and HCI researchers, doctoral students, and practitioners in 2001. It is open to both SIGHCI members and non-members. As of August 1, 2020, it has over 393 subscribers from across the world. An AIS SIGHCI group was created on LinkedIn in 2008. It has attracted 752 members as of August 1, 2020. In 2020, a LinkedIn Profile was also created, which currently has 30 followers. A SIGHCI Twitter account was created in 2014 but only recently started being used, currently reaching 89 Followers, Similarly, the SIGHCI Facebook Page was created in October 2014, but has only recently increased in its use, connecting 211 Fans and reaching 230 Followers. Also, since 2014, the HCI in Business (HCIB) International Conference affiliated with HCI International (HCII) Conference has joined a number of social media for researchers and practitioners to connect on Facebook, Twitter, and Google+.

3.4. SIGHCI Sponsored Conferences/Meetings

SIGHCI has sponsored and organized the annual Pre-ICIS Workshop on HCI Research in MIS since 2002. SIGHCI also participates in the following conferences: HCI track at AMCIS since 2002, HCI track at ECIS (European Conference on Information Systems) in 2006-2007, 2011-2014, 2016, 2019, and 2020, paper sessions at HCII (HCI International Conference) since 2005, International Conference on HCI in Business (HCIB) affiliated with HCII since 2014, HCI mini-track at HICSS beginning in 2007, HCI track at ICIS since 2004, and HCI track at PACIS since 2005.

Further, to build a bridge between two communities, AIS SIGHCI and ACM SIGCHI, to create a better understanding of common goals and interests, as well as to share potentially different perspectives and priorities, within and across both communities,

CHI 2018 Workshop was held in April 2018. By bridging the AIS SIGHCI and ACM SIGCHI communities, the impact of the HCI field and the sustainability of HCI research as a whole could be enhanced.

3.5. SIGHCI Annual Election

SIGHCI elections were announced on June 12, 2020 by Past-Chair Greg Moody via the SIGHCI listserv, with support from Secretary/Treasurer Anna McNab. Nominations and self-nominations were solicited for the following positions, whose current Board Members' terms were ending on June 30, 2020: Secretary/Treasurer; VP Membership; VP Marketing; VP Sponsorship; Newsletter Editor. No nominations or self-nominations were received. The SIGHCI Executive Board proposed to current Board Members to take on an additional portfolio, which the latter were gracious to accept. Hence, the full composition of the SIGHCI Board effective as of July 1, 2020, is listed on Page 2 of this newsletter.

4. SERVICES TO MEMBERS & COMMUNITIES

SIGHCI provides a range of services to its members (visit the SIGHCI website, http://www.sighci.org/, for more information about these services). The website has information about every aspect of SIGHCI, including the mission, bylaws, membership, listserv, conferences, newsletters, photo gallery, HCI related journals, research resources, teaching resources, and SIGHCI officers and contacts. In order to provide greater access to research materials to our members and the SIGHCI community, all SIGHCI workshop papers from 2003 onwards were made available through the AIS e-Library at http://aisel.aisnet.org/sighci.

5. FINANCIAL MATTERS

SIGHCI accounting records, which are maintained by AIS, show that as of July 1, 2020, the starting balance for the year is $51,396.35. The income and expenses for the past fiscal year are listed in Table 1. This balance has decreased by $4,042.31 over the past *two* years, as the SIGHCI has increased support for various roles and activities (e.g., subsidized pre-ICIS Workshop costs; issued a paid Social Media Manager position as of June 2020; a 2019 pre-ICIS dinner for Workshop participants to be repeated annually; and Web-related expenses for hosting the SIGHCI website and the THCI Dropbox account). New initiatives will be presented at the 2020 Business Meeting at the conclusion of the SIGHCI Workshop to make further use of the available funds in ways to assure the SIG's sustainability and promote diversity and inclusion of doctoral students.

6. LOOKING FORWARD

Since its inception in 2001, our SIG has made significant progress through the support of its Advisors, Executive Board, Officers, Board Members, general members, and sponsors. The cooperation and assistance of the AIS office, as well as the support of journal editors in encouraging HCI research in MIS, has been instrumental in SIGHCI's growth. It has been a great experience to work side by side with such a nice and involved group of colleagues and look forward to much future collaboration.

Table 1 Financial Report*

Balance (7/1/2020)		$53,651.52
Revenue		$5,467
Membership Fees	$2,202	
Workshop Registration	$2,515	
Sponsorship	$750	
Misc.	$0	
Expenses		($7,722.17)
Business Meeting at ICIS '19	($0)	
Misc. incl. Web fees	($476.17)	
Pre-ICIS Workshop	($7,246)	
Balance (3/31/2018)		$51,396.35

* Estimate only; pending verification by the AIS and its annual audit

Review: HCI Track at AMCIS 2020

Human Computer Interaction Track
at Americas Conference on Information Systems (AMCIS 2020)

Utah, USA (Virtual Conference)
August 12 – 16, 2020

Track Co-Chairs:
Miguel I. Aguirre-Urreta, Texas Tech University (miguel.aguirre-urreta@ttu.edu)
Dezhi Wu, University of South Carolina (dezhiwu@cec.sc.edu)
Jeff Jenkins, Brigham Young University (jeffrey_jenkins@byu.edu)

The AMCIS 2020 HCI Track attracted a number of high-quality submissions in the areas of Interface Design, Evaluation and Impact; Virtual and Augmented Reality; Cognitive, Affective, and Conversational HCI; and IS, Food Industry and Consumer Behavior. Altogether, the track received 22 Completed Research submissions and 15 submissions for the Emerging Research Forum (ERF). Of these, 12 and 9, respectively, were accepted (a 57% acceptance rate).

BONUS: The first-ever SIGHCI Virtual Board Meeting took place on Friday, August 14!

SIGHCI Virtual Board Meeting at AMCIS 2020

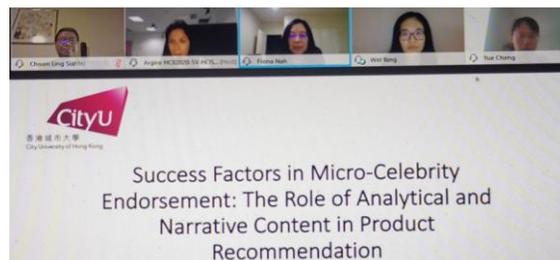# Review: International Conference on HCIBGO at HCII 2020

International Conference on HCI in Business, Government and Organizations (HCIBGO)
Affiliated with HCII 2020

Copenhagen, Denmark (Virtual Conference)
July 19 – 24, 2020

Conference Co-Chairs:
Fiona Fui-Hoon Nah, Missouri University of Science and Technology (nahf@mst.edu)
Keng Siau, Missouri University of Science and Technology (siauk@mst.edu)

The 7th Annual SIGHCI-sponsored International Conference on Human-Computer Interaction in Business, Government and Organizations (HCIBGO), which is an affiliate conference of the Human-Computer Interaction International (HCII) Conference, was held virtually on July 19-24, 2020. Forty-three papers were accepted and presented at the conference. Many thanks to the authors, reviewers, and attendees for making the conference a success.

Review: Design Research in IS Track at ECIS 2020

**Design Research in Information Systems Track
at European Conference on Information Systems (ECIS 2020)**

**Marrakech, Morocco (Virtual Conference)
June 15 – 17, 2020**

Track Co-Chairs:
Stefan Morana, Karlsruhe Institute of Technology (stefan.morana@kit.edu)
Alan R. Hevner, University of South Florida (ahevner@usf.edu)
Shirley Gregor, Australian National University (shirley.gregor@anu.edu.au)
Marc T. P. Adam, The University of Newcastle (marc.adam@newcastle.edu.au)

The ECIS 2020 "Design Research in Information Systems" track attracted a number of high-quality submissions in the areas of design-oriented research, human-computer interaction, and methodological aspects of design research. Altogether, the track received 23 research papers (RP) and 10 research in progress (RIP) papers. Of these, 8 RP and 3 RIP, respectively, were accepted (a 33% acceptance rate overall) and presented during the virtual conference. Moreover, four accepted research papers where invited for a fast-tracked development towards publication in AIS Transaction on Human-Computer Interaction.

Review: HCI Track at PACIS 2020

**Human Computer Interaction Track
at the Pacific Asia Conference on Information Systems (PACIS 2020)**

**Dubai, UAE (Virtual Conference)
June 20 – 24, 2020**

Track Co-Chairs:
Susanna Ho, Australian National University (susanna.ho@anu.edu.au)
Tan Chuan Hoo, National University of Singapore (tancho@comp.nus.edu.sg)
Ben Choi, Nanyang Technological University (benchoi@ntu.edu.sg)

The "Human-Computer Interaction" Track at PACIS 2020 received 49 submissions of which 20 were completed research papers and 29 were research-in-progress papers. After a rigorous review process, the track accepted 9 completed research papers and 13 research-in-progress papers, giving an acceptance rate of 45%.

Future Activities Sponsored by AIS SIGHCI

**Pre-ICIS Workshop on HCI Research in MIS
At the International Conference on Information Systems (ICIS 2020)**

**Hyderabad, India (Virtual Conference)
December 13 – 16, 2020**

Workshop Co-Chairs:
Constantinos K. Coursaris, HEC Montréal (constantinos.coursaris@hec.ca)
Greg Moody, University of Nevada, Las Vegas (gregory.moody@unlv.edu)

Program Co-Chairs:
Brian Dunn, Utah State University (brian.dunn@usu.edu)
Chee-Wee Tan, Copenhagen Business School (ct.digi@cbs.dk)
Mark Grimes, University of Houston (gmgrimes@bauer.uh.edu)

For more details, please visit https://sighci.org/conferences/2020-pre-icis-workshop/

Human Computer Interaction, Artificial Intelligence, and Intelligent Augmentation Track
at the International Conference on Information Systems (ICIS 2020)

Hyderabad, India (Virtual Conference)
December 13 – 16, 2020

Track Co-Chairs:
Ahmed Abbasi, University of Virginia (ana6e@comm.virginia.edu)
Lionel Robert, University of Michigan (lprobert@umich.edu)
Weiquan Wang, City University of Hong Kong (weiquan.wang@gmail.com)
Lynn Wu, University of Pennsylvania (wulynn@upenn.edu)

For more details, please visit https://icis2020.aisconferences.org

Human Compute Interaction in Digital Economy Mini-Track
At the Hawaii International Conference on System Sciences (HICSS 2021)

Kauai, Hawaii (Virtual Conference)
January 5 – 8, 2021

Christoph Schneider, University of Navarra (cschneider@iese.edu)
Joe Valacich, University of Arizona (valacich@arizona.edu)
Jeffrey Jenkins, Brigham Young University (jeffrey_jenkins@byu.edu)

For more details, please visit https://hicss.hawaii.edu

Design Research and Methods in Information Systems Track
at European Conference on Information Systems (ECIS 2021)

Marrakech, Morocco
June 14 – 16, 2021

Track Co-Chairs:
Stefan Morana, Karlsruhe Institute of Technology (stefan.morana@kit.edu)
Alan R. Hevner, University of South Florida (ahevner@usf.edu)
Shirley Gregor, Australian National University (shirley.gregor@anu.edu.au)
Marc T. P. Adam, The University of Newcastle (marc.adam@newcastle.edu.au)

For more details, please visit https://aisnet.org/page/ECISPage

**Human Computer Interaction Track
at the Pacific Asia Conference on Information Systems (PACIS 2020)**

**Dubai, UAE (Virtual Conference)
June 20 – 24, 2021**

Track Co-Chairs:
Ben Choi, Nanyang Technological University (benchoi@ntu.edu.sg)
Lusi Yang, University of Arizona (lusiyang@email.arizona.edu)
Yi Wu, Tianjin University (yiwu@tju.edu.cn)

**International Conference on HCI in Business, Government and Organizations (HCIBGO)
Affiliated with HCII 2021**

**Washington DC, USA
July 24 – 29, 2021**

Conference Co-Chairs:
Fiona Fui-Hoon Nah, Missouri University of Science and Technology (nahf@mst.edu)
Keng Siau, Missouri University of Science and Technology (siauk@mst.edu)

For more details, please visit http://2021.hci.international

Announcement: JAIS Best Paper Award 2019

The paper entitled "Sleight of Hand: Identifying Concealed Information by Monitoring Mouse-Cursor Movements" by Jeffrey L. Jenkins, Jeffrey Proudfoot, Joseph Valacich, G. Mark Grimes, and Jay F. Nunamaker, Jr. published in Journal of the Association for Information Systems (JAIS) was recognized as the winner of the JAIS Best Paper Award for 2019! Congratulations to our SIGHCI colleagues and fellow HCI scholars!

Source: https://aisel.aisnet.org/jais/

Paper Link: https://aisel.aisnet.org/jais/vol20/iss1/3/

Read more about this paper in this story: http://bauerticker.uh.edu/faculty-staff/bauer-professor-recognized-with-best-paper-award/

Recent Publications in AIS Transactions on HCI (THCI)

The March 2020 issue of THCI comprises two papers:

<u>Paper 1:</u>
Benbunan-Fich, R. (2020). User satisfaction with wearables. AIS Transactions on Human-Computer Interaction, 12(1), pp. 1-27. DOI: 10.17705/1thci.00126
Available at: https://aisel.aisnet.org/thci/vol12/iss1/1/
(Also available upon request at https://www.researchgate.net/publication/340317723_User_Satisfaction_with_Wearables)

Abstract:
This study investigates user satisfaction with wearable technologies. It proposes that the integration of expectation confirmation theory with affordance theory sheds light on the sources of user's (dis)confirmation when evaluating technology performance experiences and explains the origins of satisfaction ratings. A qualitative and quantitative analysis of online user reviews of a popular fitness wristband supports the research model. Since the band lacks buttons and numeric displays, users need to interact with the companion software to obtain the information they need. Findings indicate that satisfaction depends on the interaction's quality, the value of digitalizing physical activity, and the extent to which the informational feedback meets users' needs. Moreover, the results suggest that digitalizing physical activity has different effects for different users. While some appreciate data availability in general regardless of their accuracy, those who look for precision do not find such quantification useful. Thus, their evaluative judgments depend on the wearable system's actual performance and the influence that the feedback has on their pursuit of their fitness goals. These results provide theoretical and practical contributions to advance our understanding of wearable technologies.

<u>Paper 2:</u>
Still, J. D., Hicks, J. M., & Cain, A. A. (2020). Examining the influence of saliency within mobile interface displays. AIS Transactions on Human-Computer Interaction, 12(1), pp. 28-44. DOI: 10.17705/1thci.00127
Available at: https://aisel.aisnet.org/thci/vol12/iss1/2/
(Also available on authors' webpage at http://www.psychofdesign.com/Still_Hicks_Cain_2020.pdf)

Abstract:
Designers spend more resources to develop better mobile experiences today than ever before. Researchers commonly use visual search efficiency as a usability measure to determine the time or effort it takes someone to perform a task. Previous research has shown that a computational visual saliency model can predict attentional deployment in stationary desktop displays. Designers can use this salience awareness to co-locate important task information with higher salience regions. Research has shown that placing targets in higher salience regions in this way improves interface efficiency. However, researchers have not tested the model in key mobile technology design dimensions such as small displays and touch screens. In two studies, we examined the influence of saliency in a mobile application interface. In the first study, we explored a saliency model's ability to predict fixations in small mobile interfaces at three different display sizes under free-viewing conditions. In the second study, we examined the influence that visual saliency had on search efficiency while participants completed a directed search for either an interface element associated with high or low salience. We recorded reaction time to touch the targeted element on the tablet. We experimentally blocked high and low saliency interactions and subjectively measured cognitive workload. We found that a saliency model predicted fixations. In the search task, participants found highly salient targets about 900 milliseconds faster than low salient targets. Interestingly, participants did not perceive a lighter cognitive workload associated with the increase in search efficiency.

The June 2020 issue of THCI comprises three papers:

<u>Paper 1:</u>
Loiacono, E., & Wilson, E. V. (2020). Do we truly sacrifice truth for simplicity: Comparing complete individual randomization and semi-randomized approaches to survey administration. AIS Transactions on Human-Computer Interaction, 12(2), 45-69. DOI: 10.17705/1thci.00128
Available at: https://aisel.aisnet.org/thci/vol12/iss2/1/
(Also available at
https://www.researchgate.net/publication/342580383_Do_We_Truly_Sacrifice_Truth_for_Simplicity_Comparing_Complete_Individual_Randomization_and_Semi-_Randomized_Approaches_to_Survey_Administration)

Abstract:
Human-computer interaction researchers have long used survey methodologies. However, debate remains about the potential for participants to provide biased responses to subsequent items based on previously viewed items. In this research, we investigate the effects of survey item ordering that researchers have not studied previously. Grounded in previous exploratory item-ordering studies using an HCI online survey, we investigate bias in more detail. In addition, we use an adult sample population so that we can extend our results more broadly as compared to previous research. We employed two distinct randomizing survey approaches: 1) complete item randomization

for each respondent (random), which presents items to each respondent in a completely randomized order; and 2) partially individualized item randomization (grouped), which presents constructs in the same order in a survey but randomizes items in each construct for each respondent. Our results suggest researchers should use fully randomized survey instruments in HCI research whenever possible since grouped ordering of any kind increases bias and statistical inflation, which can influence results' veracity. Additionally, we did not appear to find any significant increase in the participants' frustration or fatigue to be associated with the random treatment.

Paper 2:
Anaraky, R. G., Knijnenburg, B. P., & Risius, M. (2020). Exacerbating mindless compliance: The danger of justifications during privacy decision making in the context of Facebook applications. AIS Transactions on Human-Computer Interaction, 12(2), 70-95. DOI: 10.17705/1thci.00129
Available at: https://aisel.aisnet.org/thci/vol12/iss2/2/
(Also available at
https://www.researchgate.net/publication/342586126_Exacerbating_Mindless_Compliance_The_Danger_of_Justifications_during_Privacy_Decision_Making_in_the_Context_of_Facebook_Applications)

Abstract:
Online companies exploit mindless compliance during users' privacy decision making to avoid liability while not impairing users' willingness to use their services. These manipulations can play against users since they subversively influence their decisions by nudging them to mindlessly comply with disclosure requests rather than enabling them to make deliberate choices. In this paper, we demonstrate the compliance-inducing effects of defaults and framing in the context of a Facebook application that nudges people to be automatically publicly tagged in their friends' photos and/or to tag their friends in their own photos. By studying these effects in a Facebook application, we overcome a common criticism of privacy research, which often relies on hypothetical scenarios. Our results concur with previous findings on framing and default effects. Specifically, we found a reduction in privacy-preserving behaviors (i.e., a higher tagging rate in our case) in positively framed and accept-by-default decision scenarios. Moreover, we tested the effect that two types of justifications— information that implies what other people do (normative) or what the user ought to do (rationale based)—have on framing- and default-induced compliance. Existing work suggests that justifications may increase compliance in a positive (agree-by-) default scenario even when the justification does not relate to the decision. In this study, we expand this finding and show that even a justification that is opposite to the default action (e.g., a justification suggesting that one should not use the application) can increase mindless compliance with the default. Thus, when companies abide by policy makers' requirements to obtain informed user consent through explaining the privacy settings, they will paradoxically induce mindless compliance and further threaten user privacy.

Paper 3:
Robert, L. P., Gaurav, B., & Lütge, C. (2020). ICIS 2019 SIGHCI Workshop Panel Report: Human–Computer Interaction Challenges and Opportunities for Fair, Trustworthy and Ethical Artificial Intelligence. AIS Transactions on Human-Computer Interaction, 12(2), pp. 96-108. DOI: 10.17705/1thci.00130
Available at: https://aisel.aisnet.org/thci/vol12/iss2/3/
(Also available at https://deepblue.lib.umich.edu/handle/2027.42/155874)

Abstract:
Artificial Intelligence (AI) is rapidly changing every aspect of our society—including amplifying our biases. Fairness, trust and ethics are at the core of many of the issues underlying the implications of AI. Despite this, research on AI with relation to fairness, trust and ethics in the information systems (IS) field is still scarce. This panel brought together academia, business and government perspectives to discuss the challenges and identify potential solutions to address such challenges. This panel report presents eight themes based around the discussion of two questions: (1) What are the biggest challenges to designing, implementing and deploying fair, ethical and trustworthy AI?; and (2) What are the biggest challenges to policy and governance for fair, ethical and trustworthy AI? The eight themes are: (1) identifying AI biases; (2) drawing attention to AI biases; (3) addressing AI biases; (4) designing transparent and explainable AI; (5) AI fairness, trust, ethics: old wine in a new bottle?; (6) AI accountability; (7) AI laws, policies, regulations and standards; and (8) frameworks for fair, ethical and trustworthy AI. Based on the results of the panel discussion, we present research questions for each theme to guide future research in the area of human–computer interaction.

Call for Papers: AIS Transactions on Human-Computer Interaction

THCI is one of the journals in the AIS (Association for Information Systems) e-library at http://aisel.aisnet.org/thci. THCI is a high-quality peer-reviewed international scholarly journal on Human-Computer Interaction. As an AIS journal, THCI is oriented to the Information Systems community, emphasizing HCI/UX applications in business, managerial, organizational, and cultural contexts. However, it is open to all related communities that share intellectual interests in HCI phenomena and issues. The editorial objective is to enhance and communicate knowledge about the interplay among humans, information, technologies, and tasks in order to guide the development and use of human-centered Information and Communication Technologies (ICT) and services for individuals, groups, organizations, and communities. To increase awareness and readership, THCI is still freely available to the public, which is beneficial to the authors and the community. You can find information related to all aspects of THCI at its website (http://aisel.aisnet.org/thci), including how to submit manuscripts for publication consideration. We would like to thank the AIS Council (http://www.aisnet.org/) for its continued support of the journal. And, as always, we are happy to announce that we have published the journal on time for every issue and are building a strong case for a solid impact factor when released by SSCI and Scopus in the near future. The quality of THCI is affirmed by its inclusion as an

"A" journal in the Australian Business Deans Council (ABDC) journal quality list.

Topics of interest to THCI include but are not limited to the following:
- Behavioral, cognitive, motivational and affective aspects of human and technology interaction
- User task analysis and modeling; fit between representations and task types
- Digital documents/genres; human information seeking and web navigation behaviors; human information interaction; information visualization
- Social media; social computing; virtual communities
- Behavioral information security and information assurance; privacy and trust in human technology interaction
- User interface design and evaluation for various applications in business, managerial, organizational, educational, social, cultural, non-work, and other domains
- Integrated and/or innovative approaches, guidelines, and standards or metrics for human centered analysis, design, construction, evaluation, and use of interactive devices and information systems
- Information systems usability engineering; universal usability
- Impact of interfaces/information technology on people's attitude, behavior, performance, perception, and productivity
- Implications and consequences of technological change on individuals, groups, society, and socio-technical units
- Software learning and training issues such as perceptual, cognitive, and motivational aspects of learning\
- Gender and information technology
- The elderly, the young, and special needs populations for new applications, modalities, and multimedia interaction
- Issues in HCI education

The language for the journal is English. The audience includes international scholars and practitioners who conduct research on issues related to the objectives of the journal. The publication frequency is quarterly: 4 issues per year to be published in March, June, September, and December. The AIS Special Interest Group on Human-Computer Interaction (SIGHCI, http://sighci.org/) is the official sponsor of THCI.

Call for Papers and Posters: Pre-ICIS Workshop on HCI Research in MIS

Building on past pre-ICIS HCI in MIS workshops as well as the tremendous interest in broad HCI issues exhibited by MIS colleagues, the AIS SIGHCI will hold its 19th annual pre-ICIS HCI research workshop prior to ICIS 2020 on Sunday, December 12, 2020. The workshop will be held synchronously online via GoToMeeting.

Important Dates:
Submissions Due: September 13, 2020
Acceptance Notification: October 13, 2020
Extended Abstracts Due for Proceedings: November 1, 2020
Workshop: December 12, 2020

Workshop Objective:
The workshop provides MIS-focused HCI researchers the opportunity to come together and build a dynamic community for open and constructive discussion and exchange of ideas related to the HCI research field.

Workshop Format:
The workshop will include completed research papers, research-in-progress papers, and poster presentations.

Reduced Registration Fees:
We have significantly reduced the workshop registration fees to encourage more participation. This year we are waiving the fee for current AIS graduate (doctoral or master's) students presenting a paper.

Current AIS Academic and/or Professional Member	$50
Current AIS Student Member Presenting a Paper	Free

Special Events - SIGHCI Business Meeting:
Following the workshop, a business meeting will be conducted. All current members are invited to attend.

Fast-Tracking Opportunities with THCI:
The best completed research papers from the workshop will be fast-tracked for publication consideration in AIS Transaction on Human-Computer Interaction (THCI).

Submission, Review, and Acceptance Process:

The workshop seeks high-quality research submissions detailing completed research or research-in-progress. The workshop also seeks early-stage work that reflects novel, insightful research ideas; these submissions would be presented during the poster session. Authors should identify their submission as "Completed Research", "Research in Progress", or "Poster" on the first page below the title. Submissions will undergo a double-blind review process. The submissions should not have been published or be under review elsewhere. All accepted submissions will be published in the workshop proceedings, which will be made available electronically via the AIS digital library. Note that accepted submissions will appear in proceedings in a much shorter format than the submitted version, as follows: (i) for Completed Research and Research-in-Progress manuscripts, an abstract of 150 words and a paper no more than **five pages**, including **all** materials and sections such as figures, tables, and references; (ii) for Posters, a **one-page** Extended Abstract. For all types of accepted submissions, authors will be given the option of publishing in the Workshop Proceedings either the full-length specified just above or solely the 150-word abstract.

Submit your manuscript as an email attachment to the workshop program co-chairs at sighci.workshop@gmail.com. The email should use the subject heading "HCI/MIS Workshop Submission". Authors can use the body of the email as the cover letter for the submission and should ensure that their identities do not appear in any part of the manuscript. As this is a cooperative workshop environment, we expect submitting authors be willing to serve as reviewers of other manuscripts.

Submission Format:

All submissions must be formatted for 8.5- x 11-inch paper (1 inch = 2.5 cm) and have 1-inch margins on each side. Please use Times New Roman 12-point font with single spacing for the body of the paper. The first page of the manuscript should have a title, the type of the submission (completed research, research in progress, or poster), total word count of the submission, an abstract of 150 words or less, and a list of 5-6 keywords. Please click here to see/download the submission template.

Maximum length for manuscripts are as follows:
- Completed Research Paper: 14 pages
- Research-in-Progress: 7 pages
- Poster: 3 pages

These page limits are inclusive of all text, figures, and tables, but do not include the cover page, abstract, keywords, or references. Only submissions in Word format will be accepted for review.

ORGANIZING COMMITTEES

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Call for Items: AIS SIGHCI Newsletter Volume 19, Issue 2

You are invited to offer items to the coming issue of AIS SIGHCI newsletter (Volume 19, Issue 2), to be published in February 2021. All items will be editorial reviewed. If you are interested, please send your pieces to the newsletter editor Prateek Jain (pjain@wpi.edu) by January 15, 2021. Possible topics include, but are not limited to, the following:

1. Short essay/opinion/research study (800 – 1700 words)
2. HCI book review (800 – 1700 words). Please feel free to contact the editor beforehand if you intend to review a book or if you wish your own book to be reviewed.
3. Teaching HCI (up to 1700 words): teaching ideas or cases, sample syllabus, etc.
4. Industry voice (800 – 1700 words). We welcome HCI related essays from industry professionals.
5. Brief introduction of HCI research tools (up to 300 words).
Brief introduction of interesting HCI journals and/or special issues, including citation information, brief description, table of content (for special issues), etc.
7. CFP for HCI related journals or conferences.
8. News about SIGHCI members (up to 300 words for each item): honors and awards, professional activities, new appointments, interesting projects, new books or publications, etc.
9. Any other announcements (up to 300 words for each item).

To view previous newsletter issues, please visit http://sighci.org/index.php?page=newsletters

Save the Dates

SIGHCI-Sponsored Activities & Events		
Pre-ICIS Workshop 2020	Hyderabad, India (Now Virtual)	December 12, 2020
ICIS 2020	Hyderabad, India (Now Virtual)	December 13-16, 2020
HICSS 2021	Kauai, Hawaii (Now Virtual)	January 5–8, 2021
ECIS 2021	Marrakech, Morocco	June 14-16, 2021
PACIS 2021	Dubai, U.A.E.	June 20-24, 2021
HCIBGO 2021	Washington DC, USA	July 24-29, 2021
SIGHCI website: http://sighci.org/		

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SIGHCI would like to express its sincere appreciation to the following sponsors for 2019-2020. The many past and future SIGHCI activities would not be possible without their generous support.

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