

SCCI
2023

March 9-10, 2023
Raleigh, NC, USA
scciannual.wordpress.com



Call for Proposals

12th Annual

Symposium on Communicating Complex Information

Paper and panel proposals due November 30, 2022

Poster proposals due January 20, 2023

Website: scciannual.wordpress.com

Keynote

Dr. Huatong Sun
University of Washington Tacoma

Huatong Sun is Associate Professor of Digital Media and Global Design at University of Washington Tacoma. She studies how to design and innovate for usable, meaningful, and empowering technology to bridge differences in a globalized world with two books from Oxford UP including *Global Social Media Design* (2020) and *Cross-Cultural Technology Design* (2012). Her recent book received 2022 CCCC Advancement of Knowledge Award, CCCC Research Impact Award, and NCTE Best Book Award in Technical or Scientific Communication. Her community-engaged teaching innovation with marginalized user communities was recognized with the 2022 Jay R. Gould Award for Excellence in Teaching from STC and the Distinction in the Practice of Diversity and Inclusion Award from ABC.

Her talk is tentatively titled "Bridging cultural differences & Decolonizing design rhetoric."



The organizers of the Symposium on Communicating Complex Information (SCCI) invite proposals for the 12th Annual Symposium to be held at North Carolina State University in Raleigh, NC from March 9th-10th, 2023.

SCCI examines the relationships between humans, technologies, and information by exploring how design and content choices influence our behavior when we interact with complex information in different contexts. The goal of the Symposium is to exchange ideas and share information on how to address the communication, design, and usability challenges associated with using complex information.

The purpose of SCCI is to bring together individuals from a range of academic and industry backgrounds to share research findings and discuss approaches for sharing complex information in a variety of contexts. The Symposium strives to build upon what we already know about communicating complex information in order to clarify our understanding of what issues urgently need further research in this area.

General Focus

SCCI seeks to examine how an understanding of the settings in which people access and use complex information can improve the design of complex information systems for different audiences. The need to understand the issues affecting how we communicate/share complex information affects many areas. As such, it is of interest to fields as diverse as user experience, information design, technical communication, information architecture, data visualization, computer science, critical algorithm studies, ethical AI and data ethics, communication studies, and library sciences.

Health and Medical Communication Track

SCCI includes a half-day program track focusing on sharing research results, theoretical models, and best practices for conveying complex information associated with health and medical contexts. Individuals interested in submitting a proposal for this track should include the words “Health and Medical Communication Track” in their proposal.

Symposium Structure

This two-day symposium is designed to maximize the exchange of information and ideas among the participants. To do so, the symposium consists of short (15-minute) presentations followed by 15-minute group discussions. The objective is to share ideas and seek opportunities to collaborate on or expand research that examines communicating complex information in different contexts. In essence, the Symposium brings together teachers, practitioners, and scholars to address the over-arching questions of: *(1) How can individuals collaborate to devise new approaches to the design and evaluation of complex information systems? and (2) How can individuals work together to define what is meant by usability/user experience and what constitutes usable information in complex systems?*

In addition to the presentation and discussion sessions that take place on Thursday and Friday of the Symposium, social events on Wednesday and Thursday evenings allow participants to network as well as to continue discussions started during Symposium sessions.

Types of Presentations

Individuals can submit proposals for individual/panel presentations or poster presentations. Proposals should be sent to SCCI organizers (symposium.scci@gmail.com). Proposals should be submitted as a Word file attached to an email message with the subject line of the email reading “SCCI 2023 Proposal.” Those submitting proposals to the Health and Medical Communication Track should email their

proposals directly to Lisa DeTora (lisa.m.detora@hofstra.edu). Presentation sessions are structured as follows:

Paper Presentation (proposals are due by November 30, 2022)

Paper presentations have a 30 minute time block, including a 15-minute presentation and 15 minutes of discussion. Submit a 250-300 word position paper about your ongoing work, new interaction designs, opinions or approaches to the problem, or conceptual frameworks or theories. Papers will be peer-reviewed and selected by relevance and likelihood of stimulating and contributing to this discussion.

Panel Presentation (proposals are due by November 30, 2022)

Panel presentations consist of a group of 3-6 individuals who will jointly share a 20-minute block for position statements on a focused topic, followed by an open discussion on that topic. The panel organizer should submit a 200-300 word summary of the panel topic, a list of the panelists, and a 100-200 word position statement from each panelist on how they will address the topic. Panel proposals will be peer-reviewed and selected by relevance and likelihood of stimulating and contributing to this discussion.

Poster Presentation (proposals are due by January 20, 2023)

Poster sessions accommodate the presentation of late-breaking scientific research or preliminary research results. Posters will be on display throughout the conference, and poster creators will present their posters at a dedicated session during the conference. Submit a 200-300 word statement describing the topic of the poster.

Possible Topics

Possible examples for topics could include but are not limited to the following:

- Methods of communicating the complexities of healthcare information to a non-medical audience. Methods to better visualize complex information to support decision making or better understanding by non-professionals.
- Examinations of how user experience can address improving the interactions within complex information spaces.
- Investigation of how responsible AI can be developed, monitored, and evaluated both in the life cycle of data analytics and algorithm development and in terms of transparency, usability, accountability, and inclusiveness
 - Special panel: Responsible AI pedagogies. Andrew Mink (VP for Education Programs, National Humanities Center), Nupoor Ranade, and Huiling Ding
- Discussions of how can the results of big data analysis be displayed to both capture the subtleties and complexities but still remain usable.
- Reviews of what is common and what is different based on domain demands that should inform our analysis of needs, generation of requirements, designs and testing. How do we design information shared among interdisciplinary groups of experts?
- Methods required for testing and evaluating complex systems (e.g., health care situations, resources allocated among many projects, intelligence analysis of multiple sources of data, customer service working across multiple technologies and/or cultures).
- Methods of designing to maximize the user experience and enhance user interaction within complex information.
- Methods of designing to improve decision-making within complex environments.
- Methods of measuring users' comprehension of complex material and ensuring maximal comprehension.
- Methods of developing usability tests appropriate for a specific domain and that account for users' extensive domain knowledge or lack of domain knowledge.

- Examinations of domain experts' retrieval and use of information on the web and best practices for designing and testing for this audience.
- Reevaluations of usability in light of visual analytics (i.e., using interactive visual interfaces to conduct analytical reasoning and complex knowledge work).
- Discussions of new usability approaches for examining the design of complex web sites.
- Descriptions and analyses of the ways experts in an area perceive complexity and simplicity in unique production environments, such as health care.

Registration

Registration costs are as follows:

- Faculty/Presenter: \$150.00 USD
- Graduate Student: \$100.00 USD
- Non-Presenting Attendee: \$200.00 USD

Deadline for presenters to register is January 20th, 2023. Deadline for non-presenting attendees to register is February 20th. Payment arrangements TBA. Accepted participants will be notified of payment arrangements in late December.

Accommodation

Aloft Raleigh, 152 USD per night. Once your proposal is accepted, you can use the following link to reserve your hotel room before February 8, 2023. [Book your group rate for SCCI 2023](#)

Schedule

Key dates for the Symposium are as follows:

- Paper and panel proposals due: November 30, 2022
- Notice of acceptance: December 19, 2022
- Papers and/or slides for symposium website due: February 28, 2022
- Symposium dates: March 9-10, 2023
- Poster proposals due: January 20, 2023
- Notice of acceptance: February 1, 2023. Poster proposals will be reviewed when they are received.

Additional Details

For more details, visit the Symposium website at scciannual.com. If you have any questions about SCCI, contact Conference Chair, Huiling Ding at hding@ncsu.edu. If you have any questions about travel or accommodation in Raleigh or NC State University, contact Conference Coordinator Michelle McMullin at mmcmull@ncsu.edu.