The ACM Conference on Human Factors in Computing Systems - Participation Report

About the conference:
The ACM CHI Conference on Human Factors in Computing Systems is the premier international conference of Human-Computer Interaction (HCI) sponsored by companies such as Google, Microsoft, Meta, Apple, etc. CHI annually brings together researchers and practitioners from all over the world and from diverse research areas. This year CHI'22 received 2,597 complete submissions. The papers committee accepted 324 (12.5%) of them directly and an additional 350 (13.6%) for more significant revisions. These research works investigated various aspects of interaction between humans and computers that span across 15 major categories: (1) Accessibility and aging, (2) Engineering interactive systems and tools, (3) Hardware, materials, and fabrication, (4) Computational interaction, (5) Critical and sustainable computing, (6) Design, (7) Games and play, (8) Health, (8) Interaction techniques and modalities, (9) Interaction beyond the individual, (10) Learning, education and families, (11) Privacy and security, (12) Specific application areas, (13) Understanding people, (14) User experience and usability, and (15) Visualization.

This year the conference includes [four papers (including ours) that focused on teleoperation](#) and [five papers that focused on vehicles](#). Additionally, a short course, named *Automated Vehicles as a Space for Work & Wellbeing*, was delivered by [Bastian Pfleging](#) from the Technical University of Freiberg, Germany. The objective of this course was to provide CHI attendees with an introduction and overview of the rapidly evolving field of automotive user interfaces (AutomotiveUI). The course was focused on user interface (UI) aspects in the transition towards automated driving. In particular, on opportunities of cars as a new space for non-driving-related activities, such as work, relaxation, and play.

CHI 2022 was structured as a hybrid-onsite full conference, which took place from April 30–May 5 in New Orleans, LA and I have participated in the conference remotely. [My lecture](#) was pre-recorded and delivered as such. However, I was available online to answer questions at the end of the lecture.

Recommendations:
Following my preparation and attendance in CHI 2022, I have several recommendations for future researchers, which are listed below:

1. CHI is a premier international conference in the field of HCI with a great exposure to researchers from all over the world and their work. I believe that HCI researchers should aspire to publish and participate in this wonderful conference.
2. The selection process is highly competitive. Therefore, the submitted work should meet the highest possible academic standards.
3. The preparation of the publication materials (after a paper's acceptance) is highly rigorous and very laborious. Therefore, researchers should plan their time accordingly in case of paper acceptance.
4. The conference is very well planned and extremely organized, as it can be seen from the [conference's website](#). However, virtual participation in the conference can NOT be compared to in-person physical participation. I strongly recommend participating in the conference physically since in person communication with other researchers can foster creation of professional connections, enhance learning, and improve the overall experience during the conference.