

IEEE/RSJ IROS 2025 workshop on Are You Happy with AV ? User Experience in AV-Human Interaction



CALL FOR POSTER

Extended Abstract 1-2 pages (including reference)

2025/06/06

2025/08/15

2025/09/01

2025/10/20

Submission
Open

Extended Abstract
Submission DDL

Decision
Notification

Workshop
Day

know more: <https://sites.google.com/view/are-you-happy-with-av-2025>
or
<https://are-you-happy-with-av.github.io/>



Scope

The prospect of wide-scale development of automated vehicles (AVs) is due to advances in, e.g., robotics, computational power, communications, sensor technologies, and the recognition performance by using artificial intelligence technology. AV brings novel interactions to human users as drivers, passengers, and other human traffic partners undoubtedly. Human-machine interface (HMI) and recommendations of AV kinematics behavior have been widely studied to build appropriate interaction and communication between AV and human users to calibrate trust and improve actual and perceived safety, efficiency, comfort, prosociality, etc. User experience (UX) correlates trust and has mutual influence with multiple factors, including motion sickness, comfort, and other subjective feelings. However, it is still unclear how to achieve a better-integrated user experience in AV-human interactions. How UX and other human factors influence each other is widely unknown. This workshop aims to bring together multidisciplinary researchers from academia and industry to discuss the impact factors and potential approaches to improve user experience inside and outside automated vehicles. It is an open platform that includes interdisciplinary researchers from engineering, cognitive psychology, computer science, informatics, sociology, and design to integrate the ideas and obtain inspirations.

Topics of Interest

- UX design and evaluations
- User comfort
- Human factors
- Human-AV interaction
- User experience and usability
- Human-machine interface for AV
- Kinematics of AV for human
- Trust in AV
- Interaction modeling
- External human machine interface (eHMI)

Submission

We will use Email (trust.calibration.ws@gmail.com) for the **Extended Abstract** of workshop poster submissions. **Previously published work is allowed to be presented again as a poster at this workshop.**

To submit an extended abstract, you must have the following items readily available:

- Title of the manuscript
- Keywords: You will be prompted for 1-3 keywords
- **Extended abstract in 1 or 2 pages.** and must follow the IROS double column format. Information and templates are available [here](#).
- **For previously published work, please clearly indicate the publication information.**
- **The extended abstract** file should be a PDF file (version 1.4 or higher), have all fonts embedded/subsetted, in US Letter page size, searchable, and a non-password protected document.

Peer-reviewed and Publication

- The extended abstract of the workshop poster **will be peer-reviewed.**
- Submition open: 2025/06/06
- Submition DDL: 2025/08/15
- Notification: 2025/09/01
- The accepted **workshop poster** and **its extended abstract** will be published on the **workshop website**, but **they will NOT be included** in the IROS 2025 proceedings or published on IEEE Xplore.