



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement 860410

SHAPE-IT FINAL EVENT

Supporting the Interaction of Humans and Automated Vehicles: Preparing for the Environment of Tomorrow

Stakeholder workshop

June 20-21, 2023

At Chalmers University of Technology
In Gothenburg, Sweden



We cordially invite you to the final SHAPE-IT **Stakeholder Workshop** that is organized by Chalmers University of Technology on 20-21st of June 2023. On-line participation will be possible for part of the event.

SHAPE-IT is a four-year project where 15 PhD-students have performed research that enables rapid and reliable development of safe and user-centred automated vehicles for urban environments. Read more about all research here: <https://www.shape-it.eu/>

We would be delighted if you could join the **Stakeholder Workshop on Tuesday 20th and Wednesday 21st of June** that will include the following:

- Short student presentations (pitches) on their [respective research projects](#).
- Poster sessions where you can discuss the research with the individual PhD-students, their supervisors and other stakeholders that are joining (1 poster/PhD-student)
- The poster sessions are followed by plenary session for each topic (set of 3 PhD students) as group discussions with PhD-students, supervisors and invited stakeholders (incl. [Associated Partners](#) present).
- A wrap-up , with focus on the SHAPE-IT PhD-students
- Two panel discussions with the following topics (see details below):
 - a. The Future of Human Factors and AI
 - b. AV Standards, Regulations, Policymaking, and Legislation and their Impact on AV Human Factors
- The possibility to join at least technical visits
- A social event in the evening of Tuesday (some limitations apply)

The short presentations will be viewable on-line, as will the plenary sessions, but the poster sessions are for the physical attendees only. Please **indicate your (preliminary) participation by filling out this [Microsoft Form](#)** (takes just 1-2 minutes). We look forward to welcoming you in Gothenburg!

The event information will be updated [here](#) as we get closer.



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Preliminary schedule

		20th	21st
		Welcome, registration and coffee	Coffee
09:00		Introduction	Introduction
		Three ESRs presents	Three ESRs presents
		Poster session with the three presenters	Poster session with the three presenters
		Plenary discussion on the presented research	Plenary discussion on the presented research
		Break	Break
		Three ESRs presents	Two ESRs presents
		Poster session with the three	Poster session with the two
		Plenary discussion on the presented research	Plenary discussion on the presented research
12:00		Lunch	Lunch
		Panel discussion: The Future of Human Factors and AI	Panel discussion: AV Regulations, Legislation etc. and their Impact on AV Human Factors
		Three ESRs presents	Common plenary session for all - stakeholder wrap-up
		Poster session with the three presenters	The time after the PhD - industry, academia and other possibilities - focus on stakeholder feedback (plenarey + a panel)
		Plenary discussion	
		Keynote (Preliminary)	Technical Visits: REVERE + Asymptotic
17:00		Social activity, incl. dinner	
.....			
21:00			

Panel: The Future of Human Factors and AI

Detailed topic examples:

- What roles will AI have in AVs of the future and what are the implications for us as individuals?
- How will AI help us in performing research in the future (in general, in human factors, in the automotive domain, and specifically for AV research)?
- How should ethics be considered when using AI in AVs?

Background:

AI is becoming ubiquitous, and it will affect both human factors researchers and AV developers in general. There are many potential applications, but also several issues. This panel is to address AVs, AI and human factors, primarily in their intersection, but also AI as a research tool in general and in human factors research.

Moderator: John Lee



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Panel: AV Standards, Regulations, Policymaking, and Legislation and their Impact on AV Human Factors

Detailed topic examples:

- How do standards, regulations, policymaking and legislation (SRPL) affect AV human factors research and development?
- What SRPL are needed in a future with AVs? Why?
- How does the large difference in mindset and legislation related to deployment of AV between the EU and US affect human factors aspects of AV development?

Background: There are many things that affect how human factors are considered in AV development. The “constraints and opportunities” that standards, regulations, policymaking and legislation (as well as e.g., NCAPs) place on AVs truly impact how AVs are developed. This panel discussion covers the impact of, as well as need for, these constraints and opportunities.

Moderator: TBD

On behalf of the Organizing Committee,
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