

Transition to Safe System in future mobility scenarios: the importance of a multidisciplinary approach



A research course* by the Nordic Traffic Safety Academy (NTSA)
May 23rd - 26th, 2023 - Aalborg University (Denmark)

The research course organised by the **Nordic Traffic Safety Academy (NTSA)** aims at providing insights into the challenges of the increasing transport automation and providing a platform for future research on this topic.

The thinking behind the course is to give an overview from different angles of the ongoing research on the transition to Safe System when connected and automated mobility will be partly or fully implemented.

The **Safe System** approach is widely recognized as the state-of-the-art in the management of traffic safety. It implies a multidisciplinary approach to traffic safety in which all actors involved in safety management collaborate.

From a research perspective, the Safe System and its goal of no one being killed or severely

injured (so-called *Vision Zero*) is facing new challenges when implemented in future mobility scenarios.

During this research course, a large space will be given to young researchers to present their ongoing or future research work/ideas, receive feedback and engage in networking opportunities.

The NTSA research course is for researchers at PhD and Postdoc levels, road safety professionals, road authority staff and others involved in the decision making on road safety matters.

**The format includes lectures, presentations from participants and network building activities, with time for discussion with experts in the research field of Safe System.*

Lecturers:



Lars Ekman
(Trafikverket - SE)
“Vision Zero - a paradigm shift”



Rune Elvik
(TOI - NO)
“Risk factors as causes of accidents”
“Low-level theory for interpretation of road safety evaluation”



Haneen Farah
(TU Delft - NL)
“Mixed traffic and the role of infrastructure in future mobility scenarios”



Natasha Merat
(Univ. of Leeds - UK)
“Human interactions with CAVs: implications for road safety of our future cities”

Organizers:



Local organizer:
Traffic Research Group,
Department of the Built Environment,
Aalborg University, Denmark

Registration is required. Each participant can choose between only attending the research course or attending and presenting their project/research topic (feedback on the presentation will be provided by experts). If you would like to present, we kindly ask you to submit an abstract of 2-300 words when registering.

Deadline for registration/payment: 1st of May, 2023.

Go to <https://www.ictct.net/ntsa/ntsa-2023/> or use the QR code above to read more and register.

Course fee: 300 € (includes welcome reception, lunch and coffee/tea all days, course activities)

Social dinner (optional): 65 €

For info contact:

Tanja Madsen at tkom@build.aau.dk or +45 2276 4112 (local organizer, Aalborg University)

Carmelo D'Agostino at carmelo.dagostino@tft.lth.se or +46 (0) 73-074 41 26 (chair NTSA, Lund University)