

Seminar on Safety behavior, distractions and interruptions

Safety-critical tasks like driving a car or a train, piloting a ship or medicine dosage are vulnerable to distractions, leading e.g. to car accidents or a lethal dosage of medicine. A recent train crash in Spain was apparently caused by a driver engaged in telephone communication with the operator.

At the same time, such critical tasks may be monotonous and performed in a routinely manner requiring limited attention or with opportunities for postponing– leaving operators largely available for multiple tasks. Train drivers will often be able to communicate while driving, and ship pilots have ample time for administrative tasks – availability tempting for organizations eager to make efficient use of highly qualified staff. Protecting operators completely from distractions can be a very costly solution; with inefficient manning of ships, trains, hospitals etc. – and may also leave highly qualified staff with monotonous tasks, resulting in underperformance due to boredom or inattention.

The presentations in this seminar arranged by SimTrans (www.simtrans.dk) and DHFN (www.dhfn.dk) will deal with a number of questions related to this crucial issue. How are safety-critical tasks affected by distractions? Which distractions are more critical? How are safety-critical tasks best protected from distractions?

Program

- 14:00 – 14:10 Velkomst v. Jacob Thommesen, SimTrans
- 14:10 – 14:45 Sikkerhedsadfærd og måling af sikkerhed v. Lars G. Nielsen, Søfartsstyrelsen
- 14:45 – 15:15 Distraction i forbindelse med bilkørsel v. Mette Møller, DTU Transport.
- 15:15 – 15:30 Pause
- 15:30 – 16:00 Interruptions and disturbances in health care, v. Peter Dieckman, DIMS Herlev Hospital
- 16:00 – 16:30 Managing train driver and signaling distraction, Simon McMull, Atkins, Banedanmark Signalprogram
- 16:30 – 17:00 Afsluttende diskussion

Praktisk information

Seminaret finder sted d. 12. november 2013 i Frokoststuen, DTU Transport, Bygning 116B, 2800 Kgs. Lyngby

Tilmelding senest d. 8. november på <http://www.simtrans.dk/events.htm>