

## MASTER THESIS PRESENTATIONS JUNE 11, 2020

Time	Title	Presenter(s)	Supervisor(s)	Examiner	Opponents	Zoom link	Group
8:00-9:00	Statistical modelling of critical cut-ins for the evaluation of autonomous vehicles and advanced driver assistance systems	Ahmed H. F. M. S. El Din	Giulio Piccinini	Jonas Bärghman	Alessio Violin	<a href="https://chalmers.zoom.us/j/61740189741">https://chalmers.zoom.us/j/61740189741</a>	CAP
9:00-10:00	Vehicle crash reconstruction using FE human body model to improve injury predictions	Paloma M. Fernández & Ilija Todorovic	Johan Iraeus	Johan Davidsson	Simon Künzler	<a href="https://chalmers.zoom.us/j/64052210724">https://chalmers.zoom.us/j/64052210724</a>	IP
10:15-11:15	Development of an experimental protocol for testing new electric personal mobility vehicles	Alessio Violin	Alexander Rasch	Marco Dozza	Ahmed H. F. M. S. El Din	<a href="https://chalmers.zoom.us/j/61387301451">https://chalmers.zoom.us/j/61387301451</a>	CAP
11:15-12:15	Improvement of human body model rib fracture risk prediction	Amanda Blennow	Karl-Johan Larsson	Johan Davidsson	Melina Makris	<a href="https://chalmers.zoom.us/j/61831904599">https://chalmers.zoom.us/j/61831904599</a>	IP
<b>Individual lunch break</b>							
13:00-14:00	Influence of active musculature on injury risk predictions	Lara Wehrmeyer	Alexandros Leledakis	-	-	<a href="https://chalmers.zoom.us/j/65688412385">https://chalmers.zoom.us/j/65688412385</a>	IP
14:00-15:00	Microscopic Traffic Simulations for Exploring the Interaction Dynamics of Connected & Autonomous Vehicles in Merging Scenarios	Mehdi Maleki	Pinar Boyraz-Baykas		Paloma M. Fernández & Ilija Todorovic	<a href="https://chalmers.zoom.us/j/65180637596">https://chalmers.zoom.us/j/65180637596</a>	CAP
<b>Individual coffee break</b>							
15:30-16:30	Human intent-recognition system for safety-critical human-machine interactions	Simon Künzler	Pinar Boyraz-Baykas		Mehdi Maleki	<a href="https://chalmers.zoom.us/j/69635191366">https://chalmers.zoom.us/j/69635191366</a>	CAP
16:30-17:30	Safety Evaluation of Heterogeneous Traffic Using Modified Models in SUMO	Weicheng Xiao	Maytheewat Aramrattana & Niklas Strand (both VTI)	Selpi	Bowen Jiang	<a href="https://chalmers.zoom.us/j/67054416049">https://chalmers.zoom.us/j/67054416049</a>	CAP