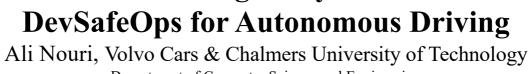
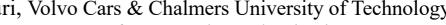
LLM-Based Multi-Agent System to Accelerate





Department of Computer Science and Engineering

Academic supervisor: Christian Berger





Public Defence

Accelerating the Design Phase: Towards DevSafeOps for Autonomous Driving Software

Opponent: Prof. Philip Koopman, Carnegie Mellon University **Examiner: Prof. Jan Bosch**, Chalmers University of Technology

Date: 27 September 2024 13:00-16:30

CHALMERS

VINNOVA

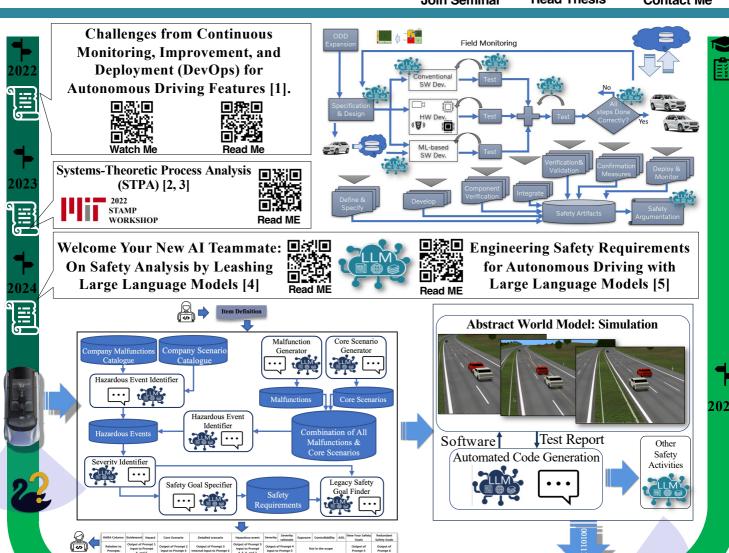
Diarienummer: 2021-02585

Place: Styrbord Lecture Hall, On-site on campus Lindholmen, Gothenburg









Publications:

[1] A. Nouri, C. Berger, and F. Törner, "An Industrial Experience Report about Challenges from Continuous Monitoring, Improvement, and Deployment for Autonomous Driving Features," in Proceedings of the 47th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), (Maspalomas, Gran Canaria, Spain), Sep. 2022.

[2] 2022 MIT STAMP Workshop, http://psas.scripts.mit.edu/home/ 2022-stamp-workshop-program/

[3] A. Nouri, C. Berger, and F. Törner, "On STPA for Distributed Development of Safe Autonomous Driving: An Interview Study," in Proceedings of the 49th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), (DURRES, ALBANIA), Sep. 2023

[4] A. Nouri, B. Cabrero-Daniel, F. Torner, H. Sivencrona, C. Berger, Welcome Your New Al Teammate: On Safety Analysis by Leashing Large Language Models CAIN '24, Association for Computing Machinery, 2024.

[5] A. Nouri, B. Cabrero-Daniel, F. To'rner, H. Sivencrona, C. Berger, Engineering Safety Requirements for Autonomous Driving with Large Language Models 2024 IEEE 32nd International Requirements Engineering Conference (RE)

