TDDE21 Advanced Project: Secure Distributed and Embedded Systems (6 ECTS)

Andrei Gurtov

September 2025



Course Info

- https://www.ida.liu.se/~TDDE21/
- 2 groups of 4-6 students
- Work whole Autumn on a practical project
 - Project 1: Development of Host Identity Protocol v2
 - Project 2: Development of secure drone ID
- No exam, one mid-term presentation and final report
- Today: introduction lecture, form groups



People

- Examiner Prof. Andrei Gurtov, AEGIS group leader
- HIP project: supervisor PhD student Mohammad Borhani
 - https://liu.se/en/employee/mohbo63
- DRIP project: supervisor PhD student Zelong Wang and visiting PhD Flavio Souza
 - https://liu.se/en/employee/zelwa20



Evaluation 2024

- 5 of 9 replied
- Overall grade 5.0 (before 4.75)
- Feedback from students and new research results taken into account
- This year's changes:
 - New cutting-edge tasks
 - Better documentation and getting started written by students
 - Updated web material
 - More understanding of challenge levels

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCE

Distinguished Teacher Award

Spring 2025

Presented to

Andrei Gurtov

in the category "Students' Top 20" for the course TDDE21

By designing a course that immerses students in real-world, long-term projects aligned with IETF standards, Andrei provides a unique and challenging learning experience that not only deepens technical expertise but also inspires students to contribute meaningfully to the advancement of the field.

Linköping, 2025-03-26

Mulluan

Marco Kuhlmann Deputy Head of Department



