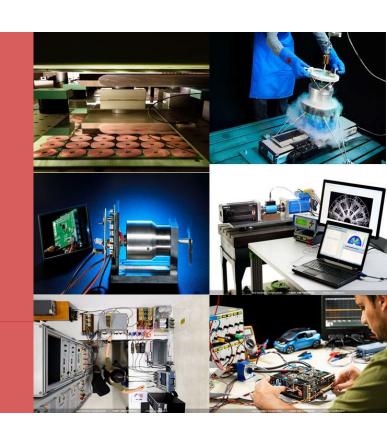
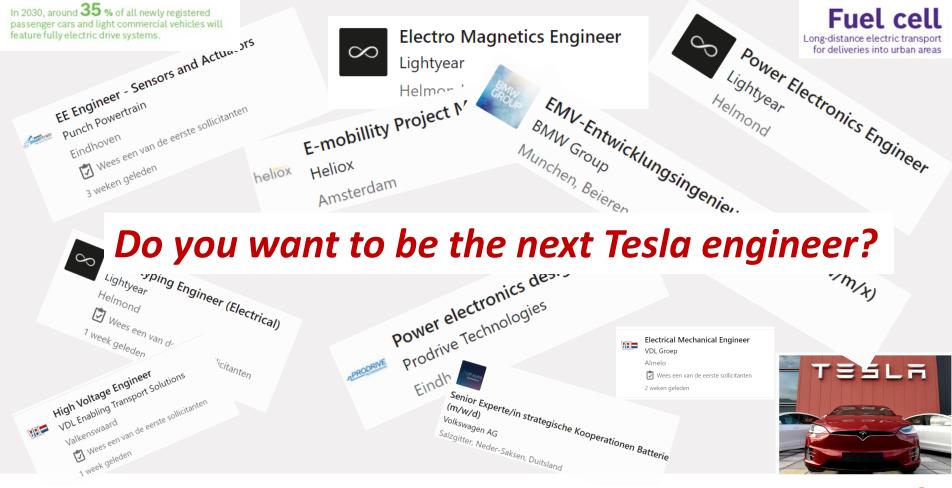


Electromechanics & Power Electronics (EPE group)

Specialization in EPE group for MSc. AT

dr. ir. Esin Ilhan Caarls, September, 2022





EU officially bans sale of ICE vehicles from 2035



Welcome to the EPE group!

Enthusiastic team of ~55 people with a relaxed and informal atmosphere

Many (inter)national industrial partners

17 part-time fellows from industry

State-of-the-art laboratory

Very good job opportunities in NL & abroad

































Our focus areas are...

Electromechanics: Interaction between electrical and mechanical energy

Power electronics: Dynamic control of flow and shape of electric energy

Electrical drives: Interaction between *Electromechanics* and *Power Electronics*

EPE = "systems and technology for processing electric energy"

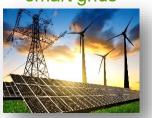
High-tech systems



Robotics



Renewables & smart grids



Automotive & smart mobility

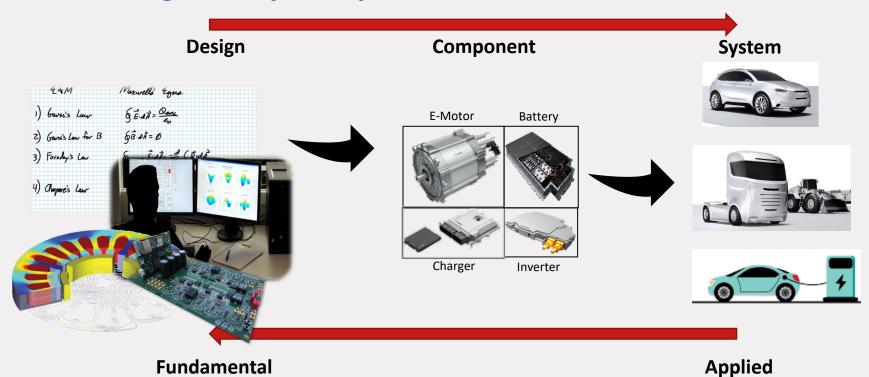


Healthcare



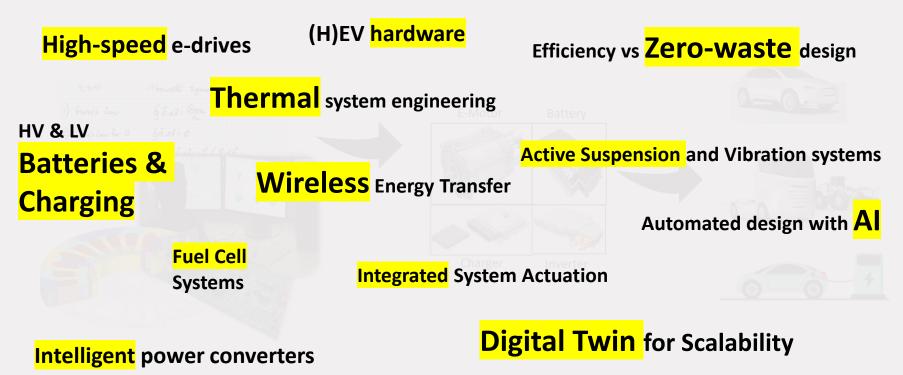


Balancing theory and practice in...



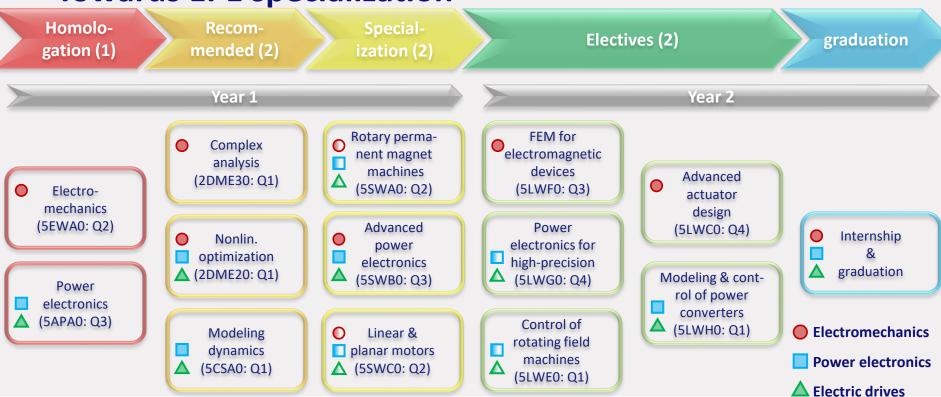


... diverse (industrial) internships & graduation projects





Towards EPE specialization





Interested in EPE?

- Subscribe for the follow-up meeting by mailing <u>e.ilhan@tue.nl</u>
- 10:00h-11:00h, Sept. 22 2022 (Thursday) Flux 2.09, OR
- 15:30h-16.30h, Sept. 22 2022 (Thursday) Flux 2.09

- We will check your Master plan and if approved assign you a supervisor
- As the last step, you will discuss with supervisor (make an appointment)

