



# SYSTEMS & CONTROL FOR AT

Elective module 6 for AT

Cora Salm

# HARD CORE EE

## Control Engineering : Stefano Stramigioli

- Feedback
- Motor control

## Engineering System Dynamics: Peter Breedveld

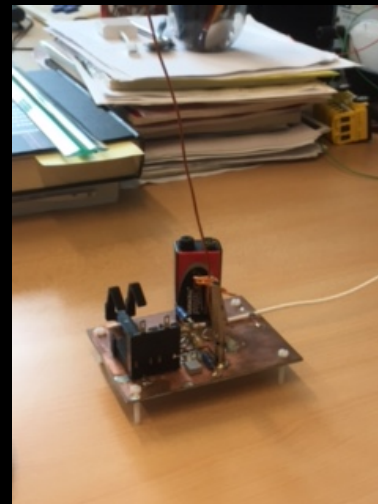
- Combine EE to other domains (e.g. mechanical)

## Electronics: Anne Johan Annema

- Small signal circuit model
- Amplifiers
- Mini project Build a 100MHz transmitter

## Mechatronics Project

Mixed AT/EE project groups



transmitter



Receiver (optional  
or M7 Fields and waves)

# MECHATRONICS MODULE

20% Control Engineering  
20% Engineering System Dynamics  
40% Mechatronics Project  
20% EE students: Linear Systems  
(math of AT M4+M5 REQUIRED KNOWLEDGE)

AT students: Electronics 4EC  
% might be slightly different

Study year 2017/18 also 3rd year AT students  
(pre-master/minor module)



# WHO SHOULD CHOOSE THIS OPTION?

- Pre-master module for
  - M-Systems and Control
  - M-EE in the systems chairs
  - More or less Mechanical Engineering
- Where Hardware meets Software
- At the edge between EE and Mech.Eng.
- Student interested in technical physics

