

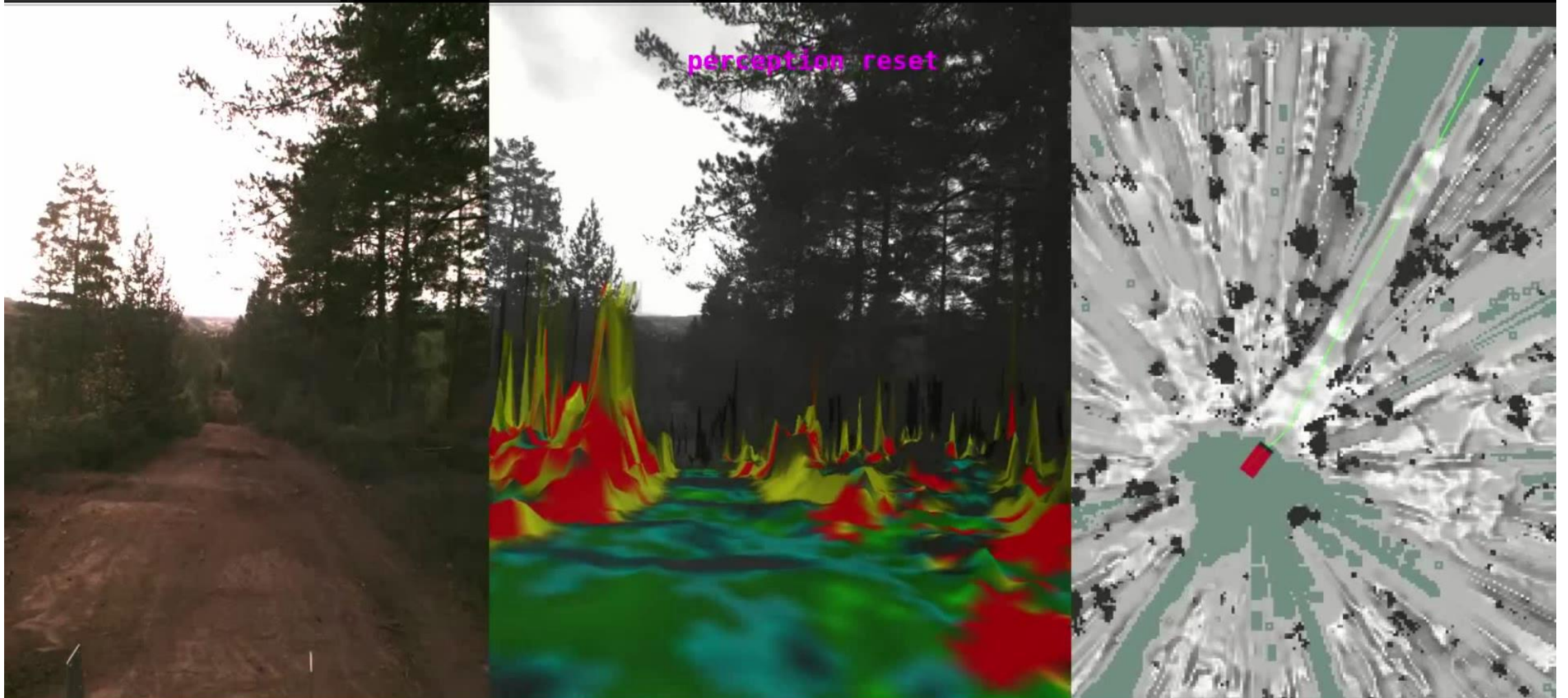
Master assignments in UGV and robotics

Kim Mathiassen



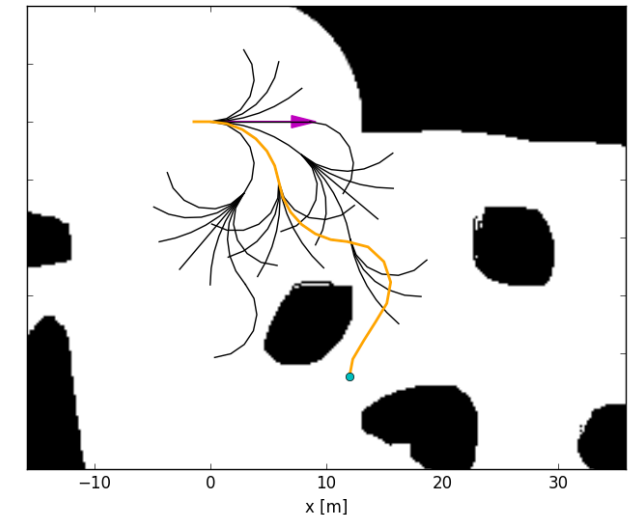
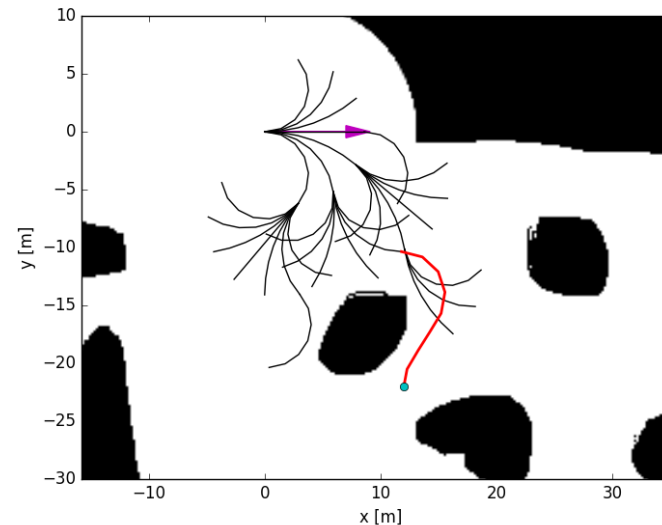
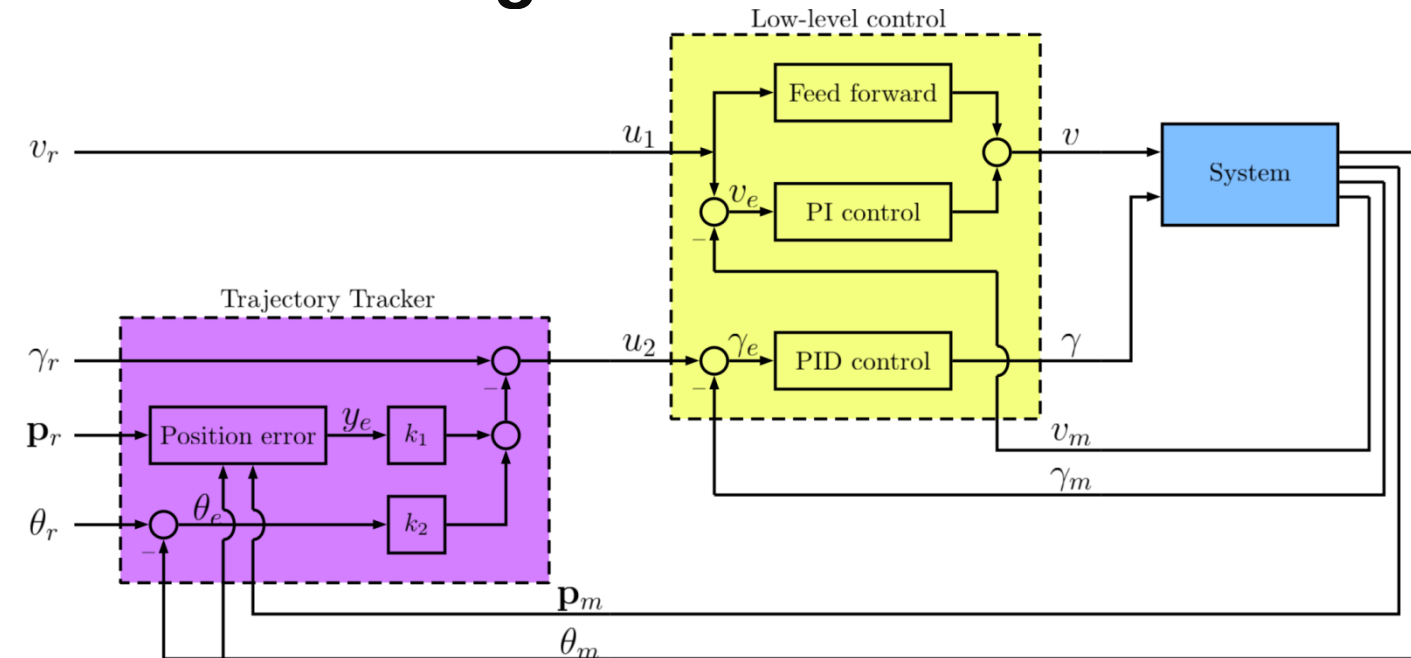
Autonomy Architecture

Motion planning



Unmanned Ground Vehicles – Master assignments

- Low level control of actuators
 - Trajectory planning
 - Trajectory tracking
 - Motion planning
 - Modeling of dynamic systems
 - System identification
 - State estimation
 - Navigation and localization
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- Higher lever decision making
 - Perception



Thank you for your attention!

