

Assignments for Meeting on Apr. 20, 2021 (1/2)

- ▶ Read the article Bergman, K., Ljungqvist, O., & Axehill, D., "Improved path planning by tightly combining lattice-based path planning and optimal control", IEEE Transactions on Intelligent Vehicles, 6(1), 57–66, 2021.
<https://doi.org/10.1109/TIV.2020.2991951>
- ▶ Read the paper Bergman, K., Ljungqvist, O., Glad, T., & Axehill, D., "An Optimization-Based Receding Horizon Trajectory Planning Algorithm", In: 21st IFAC World Congress, 2020. <https://arxiv.org/pdf/1912.05259.pdf>
- ▶ Read the manuscript Bergman, K., Ljungqvist, O., Linder, J., & Axehill, D., "A COLREGs Compliant Motion Planner for Autonomous Maneuvering of Marine Vessels in Complex Environments", arXiv preprint arXiv:2012.12145, 2020.
<https://arxiv.org/pdf/2012.12145.pdf>

Assignments for Meeting on Apr. 20, 2021 (2/2)

- ▶ Based on the studied articles, prepare at least one discussion item regarding the content in the reading material for the next meeting.
- ▶ **Next meeting: Tuesday April 20, 2021, at 15:15 in Zoom.**
- ▶ Guest lecture by Kristoffer Bergman, Division of Automatic Control, Linköping University.