

# Advanced robotics Week 7 Workshop

## Literature review on Learning from Demonstration

### Tasks:

- Use repositories of research papers and identify 5 papers of your interest in the field of robot learning published after 2021
- Categorize the selected papers based on the following:
  - Methods to introduce demonstrations
  - The learning outcome (policy, plan, reward)
  - Depending on the learning output, perform a taxonomy based on the policy input/output, type of plan and reward
  - The field that it is applied
  - The type of robotic system that it is applied on (manipulator, mobile robot, legged robot).
- For each of those categories, create a powerpoint slide that briefly describe the approach
- For each paper, perform critical evaluation. How could you improve the methodology? What additional experiments would you perform

You will have the opportunity to present the slides during the workshop. The presentation would serve as basis for the literature review of assessment 2.