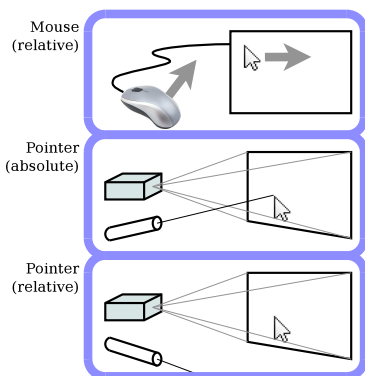


# Backprojection on SPOT, Part 2

In this project you will be working on our new robot SPOT. The goal is to provide the robot with a *Backprojection* capability: Imagine, the robot is equipped with a video projector: Can the robot use this video projector for augmented reality, and can we use, e.g., a Nintendo Wii game controller to control a mouse pointer (see Fig below)?

Your task in this project will start out in the lab: You will use an LED-based Video Projector to project the imager of a pointer onto a wall. Then, we want to use a



Nintendo Wii-game controller with GiroSensor to control the project pointer on the wall.

**To do this work, you should ideally have good python skills. You should know linux, ideally you have completed the applied machine learning and a course in Computer Vision or Image processing with a good grade. Ideally, you have also a good software engineering background.**

## Contact:

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