

Homework Extra Credit Opportunity (#1)

Due: Last class (Tuesday, Dec 3, 11:10AM)

This is worth 1 point added to your final average Homework grade.

You have 2 options, as noted below. *Select only one of these.* More credit will not be given if you do both!

Option 1: Participate in Sudarshan Srinivasan's data collection experiment. Sudarshan is a UTK Ph.D student who is conducting research on peer-to-peer human-robot interaction, where humans and robots work alongside as peers. This study aims to learn how humans work with one another as peers and model this collaboration that can then be employed on a human-robot pair on the same task. For this purpose, Sudarshan seeks volunteers who can complete a few tasks that will be video recorded and later used for modeling. The experiments will be held in MK629, and will take about 1 hour.

If you're interested in participating, then email Sudarshan (with "HRI Experiment" in the subject line) at ssriniv3@utk.edu. You will need to work with him to schedule a mutually convenient time. Once you have completed your participation in the experiment, Sudarshan will give you a "certificate" that you can turn in for your extra credit. This certificate must be turned in to the instructor (or BlackBoard, as a pdf file) by the deadline in order to receive credit. [FYI: This experiment has been approved by UTK's Institutional Review Board for human subject experiments.]

Option 2: Read Nilsson, 2005 (in text bibliography) and turn in (via BlackBoard, as a pdf file) a 2 paragraph discussion either supporting the position that Nilsson advocates (with your own reasoning), or refutes Nilsson's position (with your own reasoning). There are no right or wrong answers here. I want to see that you've thought about the points Nilsson raises, and consider whether or not you agree.