Algorithmic Human-Robot Interaction

Project Outlines

CSCI 7000

Prof. Brad Hayes

Computer Science Department

University of Colorado Boulder

Today's Paper
Planning + Predicting Human Behavior (continued)

An Implemented Theory of Mind to Improve Human-Robot Shared Plans Execution
Sandra Devin and Rachid Alami

Project Workshop I:
Problem Statement and Approach

20 Minutes

- Detail your project's problem statement
  - What is the application domain?
  - Why is it hard?
  - What's missing from current solutions?

- Detail your proposed approach
  - How do you propose to solve it?
  - What type of algorithm will you need?

Final Project Pitches

In five minutes or less:

What new capability are you introducing / phenomenon are you exploring?

What's hard about this now?

What's your insight into solving this problem?

How will you evaluate whether your approach works or not?