CS378
Autonomous Multiagent Systems
Spring 2004

Prof: Peter Stone
TA: Mazda Ahmadi

Department of Computer Sciences
The University of Texas at Austin

Week 6a: Tuesday, February 24th

Good Afternoon, Colleagues

Are there any questions?

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- Soccer offsides

Logistics

- Next week's readings posted

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- Final project — have partners?

Final Projects

Proposal (3/4): 3+ pages

- What you're going to do; graded on writing

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> **Due at beginning of classes**

Overview of the Readings

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Darwin: 2 genetic programming approach

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Kok03: coordination graphs

Reactive Deliberation

- A hybrid approach

- Executor: carry out reactive behaviors

- Deliberator: evaluate possible high-level schema with parameters; generate bids

- Deliberator takes time, but something keeps happening always.

- In effect: deliberator commits to schema for some time

Evolutionary Computation

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  Some slides from *Machine Learning* (Mitchell, 1997)

Class Discussion

Arick Shao on evolving a soccer team