## What is AI? (slides 1)

- **The external definition:** How to make computers *behave* intelligently on specific tasks.
- **The internal definition:** How to build intelligent machines.
  (Will an intelligent machine be similar to a person?)
- **The pragmatic definition:** Combatting artificial stupidity.

Q: How do we know when we have been successful?



## How Can We study AI?

- Study human behavior: psychology linguistics.
- Study human hardware: neurophysiology.
- Think hard: philosophy.
- Build computers that exhibit intelligent behavior: experimental computer science.
- Analyze computational complexity of tasks: theoretical computer science.

AI uses **all** of the above methods!