Atherton & Goodrich:
Perception by Proxy

The danger of toy worlds

Peripheral vision

Too much data for humans? 3D…

Visual restriction problem (GPS, Ladar, etc.)

      can all data be 'morphed'?

Sensitivity to camera quality

Active sensing affordance for humans?

      >human sensor fusion and neural processing

Self-sight (self-awareness)

Jewelry detector

Ethical decisions only?

Tsui: use cases

Useful features:

      connectivity, low latency

      "automatic filtering?"

      Carryable robot!

      Showing focus of visual attention

      walking and talking right

      situational awareness

      wide field-of-view

      voice direction (surround sound?)

      control autonomy

      head motion

      noise control (not being noisy)

      seamless videocon integration

Team Activity - telepresence

- Thanksgiving dinner with your spouse's family, using telepresence
  - Eating
  - Conversation: group, individual
  - Sitting around afterwards
  - Taking a walk after eating

Telepresence and Attention Dilution

Read "Attention Dilution Disorder" story from Robot Futures and discuss…