Considerate cyber-physical meeting support system

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Motivation

- A system that helps people succeed in cyber-physical meeting.
- Cyber-physical meeting is a conversation that includes devices with sensors and actuators, and people.
- Our system helps to complete tasks, such as an agenda, solving a puzzle or even completing a physical therapy regime, by giving considerate feedback.

Considerate Feedback

- Feedback that focuses on when and how to present information to reduce distraction and increase appropriateness therefore its effectiveness.
- Considerate feedback is a specific kind of social feedback, that is feedback about social relations or actions.

System

- The system consists of:
  - Physiological, environmental and audio sensors that sense contexts.
  - An video, audio, text or candy actuators that give considerate feedback.
  - Supervisor server that collects sensor data, makes decisions and control actuators to support the scenario.

Physical therapy demo

- Support the patient and the doctor at physical therapy to complete the exercise for the rehabilitation.

1. Considerate conference call support system that mediates vocal communication between users.
2. Considerate TV that reads context and adjusts volume.
3. Sweetfeedback that gives positive tangible feedback.
4. Leglift counter to the patient’s monitor exercise.
5. Oximeter to monitor patient’s health status.