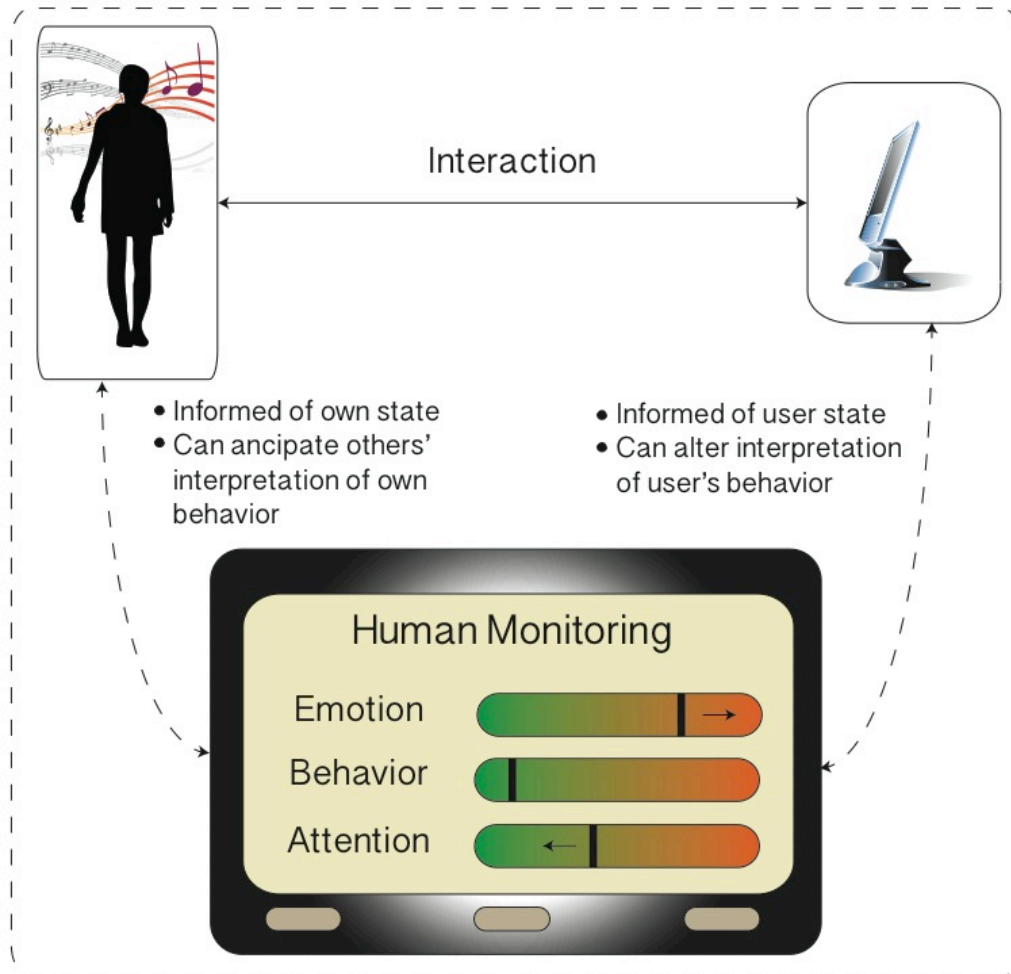


# EECS 498: Human-Centered Computing

## New in Winter 2013



Human-centered computing (HCC) is the science of decoding human behavior. HCC seeks to provide a computational account of aspects of human behavior ranging from interaction patterns to individual emotion expression using techniques drawn from both signal processing and machine learning. However, the complexity of this new domain necessitates alterations to common data collection and modeling techniques.

In this course we will cover the techniques that underlie the state-of-the-art systems in the human-centered computing field. Students will develop a critical understanding of HCC systems ranging from data collection to human state recognition to feedback. The course evaluation will include homework, a midterm exam, and a final project.

Open to EECS juniors and up; all other engineering and science seniors and graduate students with consent of instructor.