

Fundamental  
research  
areas

## Multisource Data Acquisition

(from real and/or virtual environments)

e.g. speech, written text, social and  
environmental context, physiological state,  
emotional expressions, physical actions, etc.

## Multisource Data Fusion, with Analysis and Interpretation

Example  
broader  
impact  
applications

Health and Well-Being

Self Improvement

Human-Centered Decision Making

Accessibility and Human Computer Interaction

Entertainment and Gaming