

Comparability and Evaluation

Clarifying Criteria

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What do we have in common?

Theories and models of emotional life provide insights for the design and control of machines humans interact with

- Emotional interaction to enhance usability
- Emotional needs and opportunities to address
- Models of emotion to be used in personality agents

Widely different scenarios of use:

- Motivations
- Purposes
- Deployments

Emotional Potential of scenarios

We need to capture aspects relevant for comparison

eMoto: Computer mediated communication

Motivation: Thicken mobile communication channel

Purpose: Addition of expressive channel to SMS

Affective diary: Personal information management

Motivation: More complete recording of emotional life

Purpose: Additional means for self-reflection

Hormones in robots

Motivation: Stable, predictable behaviour for robots

Purpose: Create robots for lab tests

Computational psychology

Motivation: Test psychological theories

Purpose: Create virtual subjects for experiments

Evaluation

Articulated comparison of systems

- Need to differentiate
 - Motivations
 - Purposes
 - Deployments

Evaluation of theories as tools

- Evaluate achievement of purpose in specific deployment

Adequacy of theory

Viability of scenario

Let's continue the discussion!

Stop at this slide.

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