



HUMAINE: Human-Machine
Network of Excellence on Emotions

Good Practice & Standards (WP10) Handbook (WP11)

Paolo Petta

- Integration goals of Humaine
- Good practice and Standards
 - Scope, purpose, examples, milestones
- Handbook
 - Scope, purpose, approach, milestones

Humaine integration goals

- Shared vocabulary
 - Shared knowledge
 - Shared appreciation of key problems
- Provide platform for further R&D



Good Practice & Standards (WP10)

HUMAINE: Good Practice & Handbook

2005-05-25

Humaine: Second Plenary Newcastle

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Good Practice & Standards: Scope

- *Convergence towards standards*
 - Groups **were** disparate at fundamental levels
 - Recommendations for **good practice** in design and use of emotion-oriented systems
 - **Precursor** for formal standards

Good Practice & Standards: Purposes

- Research community: improve **coherence**
 - Facilitate **rigour** of specific activities
 - **Broaden** view of relationships between areas of emotion-oriented research
 - Incentives and directions to **cross** disciplinary boundaries and explain the **community value** of adhering to procedures

Good Practice & Standards: Purposes

- Guidance for **application** of research results
 - Facilitate **design and production of emotion-oriented technology**
 - Reviewer suggestion:
“Dummy’s guide to development of emotion-oriented systems”
- **Awareness** of acceptable uses

Good Practice & Standards: Examples

- Efforts underway, e.g.
 - Emotion vocabulary
 - Mapping of emotion theories
 - Data collection (how **not** to do it, usefulness,...)
 - Emotion-related ethical issues

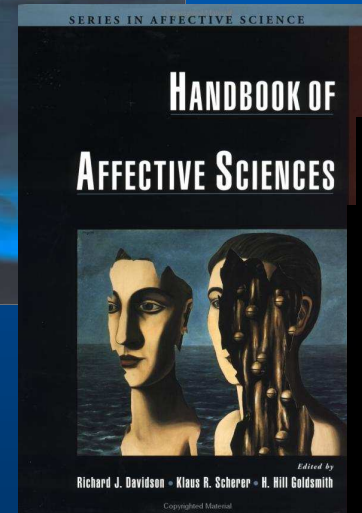
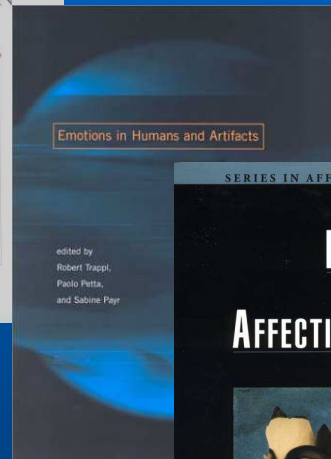
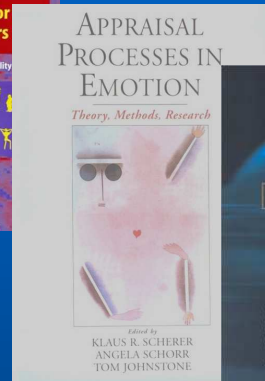
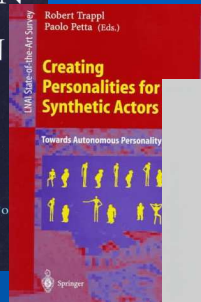
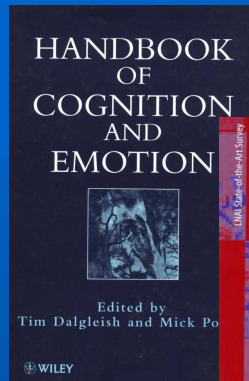
Good Practice & Standards: Examples

- Markup Languages
 - Representation formats for multimodal generation in ECAs
 - Gesture repositories for ECAs
 - Formats for affect representation
- Basis for future standards
 - e.g., via MWeb

Good Practice & Standards: Milestones

- D10c: “Interim report on prospects for establishing standards”
 - Due date: End of June = **now!** 😊
- **Pervasive discussion** at this plenary

Handbook (WP11)



Handbook: Scope

- The Network of Excellence Humaine is committed to **candidness**...
...always against the background of **human-machine interface technology**
- “**All partners** will participate in the creation of the handbook”

Handbook: Purpose

- A **platform** for future research and development
- A **tool** for interested parties to get up to speed and start working proficiently
- **Enduring** impact

Handbook: Approach

- “Push the Portal!”
- Handbook draft will develop on the portal
- Living surveys, discussions, comments on papers and exemplars on the portal
- Distilled versions in Handbook

Handbook: Milestones

- ✓ Area Editors appointed
- D11a (September):
Electronic collection of materials for handbook sections
- D11b (after main Workshop cycle):
Preliminary outline of handbook contents,
Proposals for progressing the handbook

First Challenge in Humaine

For participants to realise that their own view on and approach to emotions is only one facet of a bigger picture

- Creation of **shared views within** thematic areas
- **Coherent** treatment of emotion **across** domains to prevent incompatible solutions to predominate in different contexts
- Establish a **living & lasting** platform

Acknowledgments

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