

humaine

human-machine interaction network on
emotions

project presentation

v1.0, June 2004

<http://emotion-research.net>

What is humaine about?

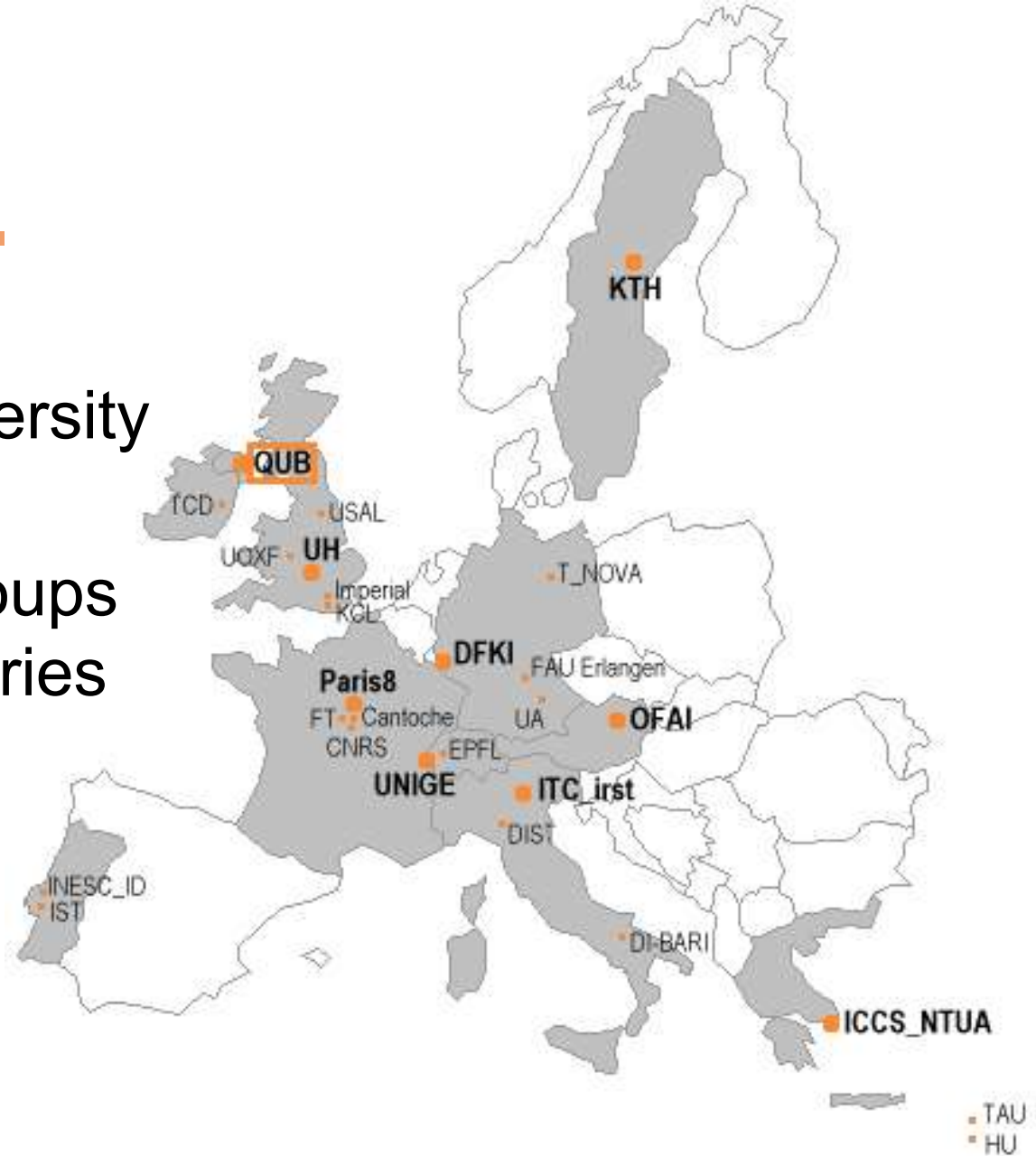
- ◆ emotions in human-machine interaction
- ◆ creation of a new, interdisciplinary research community
- ◆ advancing the state of the art in a principled way

Facts about humaine

- ◆ EU FP6 Network of Excellence
 - ➔ IST thematic priority: Multimodal Interfaces
 - ➔ contract no. 507422
- ◆ start: 1st January 2004
 - ➔ duration: 48 months
- ◆ EC financial contribution: 4.95M€

Partners

- ◆ coordinator:
Queen's University
Belfast
- ◆ 27 partner groups
from 11 countries



Goals of humaine

- ◆ integrate existing expertise => new community
- ◆ establish infrastructure
 - ➔ electronic portal
 - ➔ databases
 - ➔ convergence towards standards
 - ➔ ethical framework
- ◆ promote shared insight
 - ➔ common vocabulary
 - ➔ interdisciplinary working methods

Thematic areas

- ◆ theories and models of emotion
- ◆ signals to signs of emotion
- ◆ data and databases
- ◆ emotion in interaction
- ◆ emotion in cognition & action
- ◆ emotion in communication & persuasion
- ◆ usability of emotion-oriented systems
- ◆ ethics and good practice

Joint Programme of Activities Integration

- ◆ plenary sessions
- ◆ workshops in all thematic areas
- ◆ visits and exchanges
- ◆ electronic portal
- ◆ shared resources

Joint Programme of Activities

Jointly executed research

◆ exemplars

- in each thematic area
- a piece of work which exemplifies how a key problem can be addressed in a principled way
- co-ordinated with work in other thematic areas

Joint Programme of Activities

Spreading of excellence

- ◆ electronic portal
 - ➔ aims to become the source of information in the research area
 - ➔ community-centred content management system
- ◆ summer schools
- ◆ workshop proceedings
- ◆ recommendations of good practice
- ◆ handbook: foundations for the development of emotion-oriented systems

Joint Programme of Activities

Spreading of excellence: Electronic portal

The screenshot displays the HUMAINE portal website. At the top left, the word "humaine" is written in a large, orange, lowercase font, with "emotion-research.net" underneath it. To the right, there are three small "A" icons and a search box with a magnifying glass icon and the word "search". Below the header, a yellow navigation bar contains buttons for "home", "news", "events", "partners", and "jobs". A status bar below the navigation bar indicates "you are not logged in" and a "log in" link. The main content area is divided into several sections:

- Navigation:** A sidebar on the left with a "navigation" header and a list of links: Home, About HUMAINE, Deliverables, Demonstrators, Partners, Portal Guide, Related Projects, Wiki, and Workshops.
- Log in:** A sidebar on the left with a "log in" header, input fields for "Name" and "Password", a "log in" button, and a link for "Forgot your password?".
- The HUMAINE Portal:** A central section with the title "The HUMAINE Portal" and a subtitle "Research on Emotions and Human-Machine Interaction". It includes a "Welcome" message and a paragraph about the portal's purpose.
- Question of the day:** A section titled "Question of the day" with the question "Which are the most important emotion theories?" by Marc Schroeder.
- Researcher of the day:** A section titled "Researcher of the day" featuring a photo of Bjoern Hartmann and his key research interests: "synthesis of expressive gesture and other nonverbal behavior in ECAs; motion capture".
- News:** A sidebar on the right with a "news" header and a list of recent news items with dates.

<http://emotion-research.net>

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Expected impact

- ◆ new research community
 - ➔ cross-discipline, but with shared understanding
- ◆ lower entry threshold for application-builders
 - ➔ reusable tools and components
 - ➔ exemplars
- ◆ lasting structures
 - ➔ **humaine** Centre at Queen's University Belfast
 - ➔ **humaine** Association