

humaine

human-machine interaction network on
emotions

project presentation

v1.0, June 2004

<http://emotion-research.net>

What is humaine about?

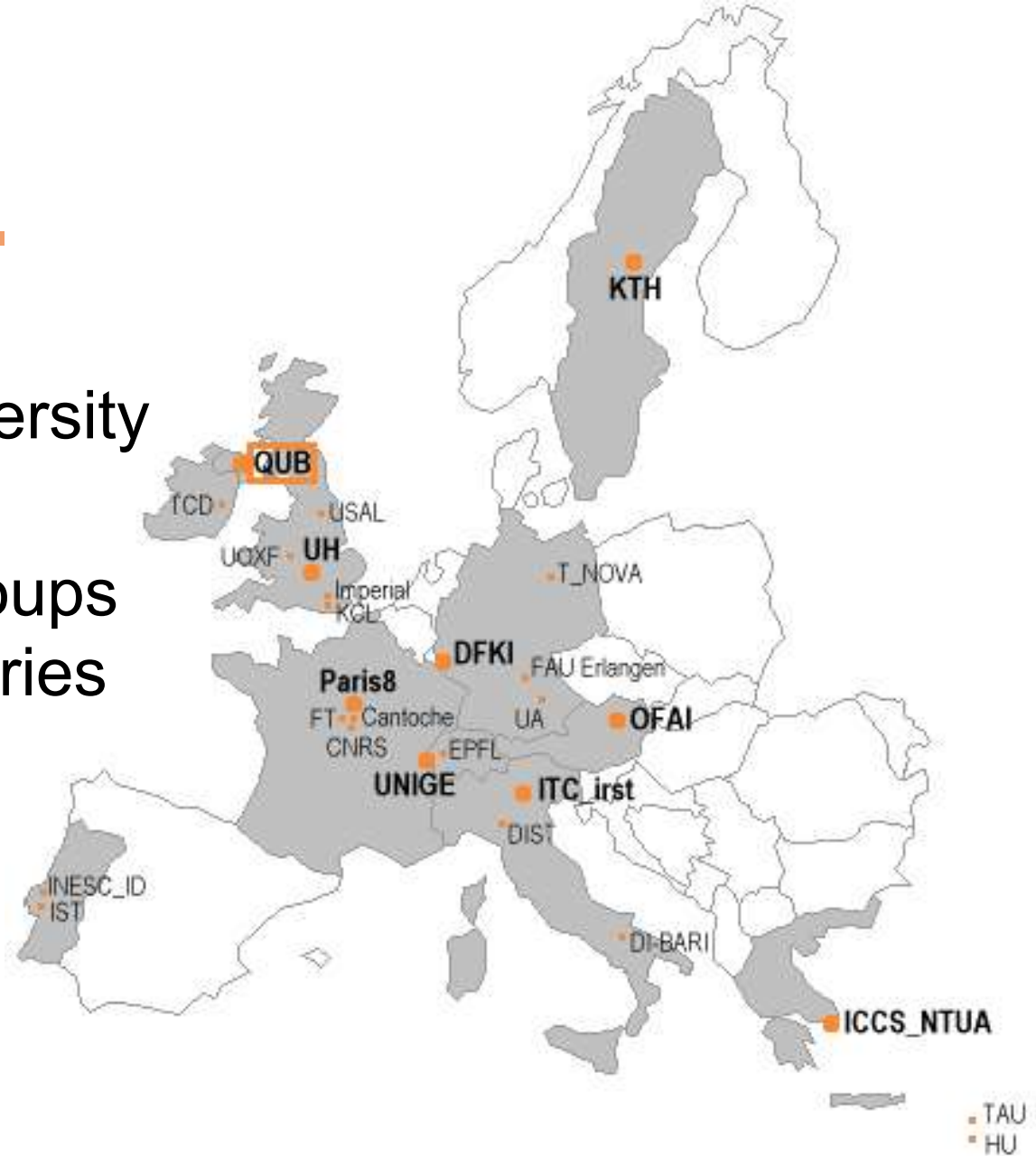
- ◆ emotions in human-machine interaction
- ◆ creation of a new, interdisciplinary research community
- ◆ advancing the state of the art in a principled way

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 of the logo is a search bar with a magnifying glass icon and the word "search". Below the logo is a navigation menu with buttons for "home", "news", "events", "partners", and "jobs". A yellow banner at the top right says "you are not logged in" with a "log in" link. Below the banner, it says "you are here: home".

The main content area is divided into several sections:

- navigation**: A sidebar menu with a "Home" link and a list of folders: "About HUMAINE", "Deliverables", "Demonstrators", "Partners", "Portal Guide", "Related Projects", "Wiki", and "Workshops".
- log in**: A sidebar form with fields for "Name" and "Password", a "log in" button, and a link for "Forgot your password?".
- The HUMAINE Portal**: The main heading, followed by the subtitle "Research on Emotions and Human-Machine Interaction".
- Welcome**: A paragraph stating: "This is the portal website of the [Network of Excellence HUMAINE](#), targeted to become a key resource in an exciting research area: emotions and human-machine interaction. To learn more about HUMAINE, take a look at our [goals](#), [partners](#), and our [deliverables](#)."
- Question of the day**: A section titled "Which are the most important emotion theories?" (by MarcSchroeder). It includes links to "Read comments on this question.", "Browse other questions.", and "Learn more about Question of the day."
- Researcher of the day**: A section featuring a photo of Bjoern Hartmann, a researcher at IUT, Université de Bourgogne. His key research interests are listed as "synthesis of expressive gesture and other nonverbal behavior in ECAs; motion capture".
- news**: A sidebar list of recent news items with dates:
 - First public deliverables released (2004-05-28)
 - Reminder: WP3 Workshop (2004-05-25)
 - Communicate more easily: Instant messaging on HUMAINE portal (2004-04-15)
 - Postdoc position at IRST, Trento, Italy (2004-04-01)
 - First Humaine Workshop, Geneva June 17-19 (2004-03-26)

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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