



**The 20th British HCI Group Annual Conference
11-15 September 2006 Queen Mary, University of London**

Workshop

on

The Role of Emotion in Human-Computer Interaction

12 September 2006

The topic of emotion in Human-Computer Interaction is of increasing interest to the HCI community. Since Rosalind Picard's fundamental publications on affective computing, research in this field has gained significant momentum.

Emotion research is largely grounded in psychology yet spans across numerous other disciplines. The challenge of such an interdisciplinary research area is developing a common vocabulary and research framework that a mature discipline requires. What is increasingly needed for advanced and serious work in this field is to place it on a rigorous footing, including developing theoretical fundamentals of HCI-related emotion research, understanding emotions' function in HCI, ethical and legal issues, and the practical implications and consequences for the HCI community.

The [first workshop](#) on emotion in HCI held in Edinburgh last year brought an interdisciplinary group of practitioners and researchers together for a lively exchange of ideas, discussion of common problems, and identification of domains to explore.

This year's workshop will build on the success of last year. Focus will be on discussion and joint work on selected topics. Participants will engage in developing further the themes from the first workshop in as wide an application spectrum as possible, such as internet applications, ambient intelligence, office work, control rooms, mobile computing, virtual reality, presence, and home applications.

You are cordially invited to become part of this interdisciplinary forum. This will be a very practical workshop with the participants working together to find new insights, views, ideas and solutions. We therefore invite contributions which will enrich the discussions by their innovative content, fundamental nature, or new perspective. We also encourage demos of products or prototypes related to the topic.

Topics addressed by the workshop are:

- How do applications currently make use of emotions and how could it be improved?
- What makes applications that support affective interactions successful?
- How do we know if affective interactions are successful, and how can we measure this success?
- What value might affective applications, affective systems, and affective interaction have?
- What requirements on sensing technologies are there in HCI?
- What technology is currently available for sensing affective states?
- How reliable is sensing technology?
- Are there reliable and replicable processes to include emotion in HCI design projects?
- What opportunities and risks are there in designing affective applications?
- What are the relationships between emotion, affect, personality, and engagement, and what do they mean for interactive systems design?

To become part of this discussion, please submit an extended abstract of your ideas or demo description. Case studies describing current applications or prototypes are strongly encouraged, as well as presentations of products or prototypes that you have developed.

The abstract should be limited to about 800 words. If accepted, you will have the opportunity to extend it to a short paper of 4 pages. Short papers will be published on this website and, if the majority of participants want it, as printed proceedings. Please vote using the [questionnaire](#).

It is also planned to produce a special issue of a journal on the results of the workshop.

Submissions

Please be so kind and fill out the [very short questionnaire](#) (1 Minute) if you haven't already done so, to help us prepare the workshop to best fit your expectations.

Send your extended abstract to [submissions at emotion-in-hci dot net](#)

We prefer pdf or a Microsoft Word compatible format.

Enquiries

can be sent to [info at emotion-in-hci dot net](#)

Dates

04 June - paper deadline

14 June - notification of acceptance

23 June - early registration deadline

12 September - workshop

Workshop committee:

Organizers:

Christian Peter, Fraunhofer IGD Rostock, Germany

Lesley Axelrod, Brunel University, UK

Elizabeth Crane, University of Michigan, USA

Russell Beale, University of Birmingham, UK

Scientific committee

Ruth Aylett, Heriot-Watt University Edinburgh, UK

Barbara Fredrickson, University of North Carolina, USA

Kristina Höök, Swedish Institute of Computer Science, Sweden

Bodo Urban, Rostock University, Rostock, Germany

John Waterworth, Umeå University, Sweden

Nicola Millard, British Telecom plc, UK

Karina Oertel, Fraunhofer IGD Rostock, Germany

Jörg Voskamp, Fraunhofer IGD Rostock, Germany

Robert Ward, University of Huddersfield, UK

Steffen Mader, Fraunhofer IGD Rostock, Germany