

## IMPORTANT DATES

**19 March 2007;** Submission of Extended Abstract of long and short papers, Poster & Demonstration papers, and Doctoral Consortium paper and cover letters

**4 May 2007;** Notification of Acceptance

**11 June 2007;** Submission of Camera-Ready Papers

**28 August 2007;** Start of Doctoral Consortium

**29-31 August 2007;** Conference

## CONFERENCE FEE

Registration type	Early bird fee**	Standard fee
Full delegate with member discount*	£200	£260
Full delegate	£230	£290
Student	£145	£200
Student accepted for the Doctoral Consortium	£50	£50

\* *Member discount applies to member of EACE, BCS, B-HCI-G, ACM, and SIGCHI.*

\* *The early bird deadline will be*

\* *announced later on the conference website.*

## CONTACT

More information about the conference can be found at [www.ecce2007.eu](http://www.ecce2007.eu) and specific question can send to [questions@ecce2007.eu](mailto:questions@ecce2007.eu)

## CONTRIBUTING ORGANISATIONS



ECCE 2007

INVENT! EXPLORE!

European Conference on Cognitive Ergonomics 2007

28-31 August 2007  
Covent Garden, London UK

The 25th Anniversary conference of the European Association of Cognitive Ergonomics (EACE)

ECCE 2007 INVENT! EXPLORE! aims to provide an opportunity for researchers and practitioners to exchange new ideas and practical experience in all areas of cognitive ergonomics. By presenting, criticizing, and defending papers, ECCE 2007 participants will explore knowledge and research areas in cognitive ergonomics and invent new directions for advancing both theoretical and practical aspects of cognitive ergonomics.

The conference will also feature a special 25th anniversary programme to celebrate the life and achievements of the Association, its members, and their contribution to the field of cognitive ergonomics over the last quarter of a century.

## SCOPE

The roles of cognitive ergonomics in the development of IT artefacts and complex systems have become more and more important and widespread. So far, theoretical, empirical, and practical aspects of cognitive ergonomics have been studied in various domains that make intensive use of IT. Recent trends of cognitive ergonomics indicate that human interaction with IT-based systems is increasingly cognitively complex and thus needs more sophisticated cognitive support, and that diverse user groups should be considered from system requirements analysis and initial design stages, paying attention to personalization.

ECCE 2007 Invent! Explore! focuses on innovative concepts or approaches that address recent trends. We will explore new types of cognitive tasks and their characteristics resulted from the cognitively complex interaction with new IT-based systems, and informed design methods dealing especially with personalization issues. Through this conference, it is envisaged that participants will report on inventions, or innovative ideas and concepts to study cognitive ergonomics in future IT-intensive systems. Besides the focus, we also welcome the research works in all areas of cognitive ergonomics.

## CONFERENCE LOCATION

ECCE 2007 INVENT! EXPLORE! will be held in London, at the premises of the British Computer Society meeting rooms in Covent Garden - right in the centre of London.

## TOPICS

We invite papers that report on innovative concepts, fundamentals (concepts, theories, models, and principles), empirical studies, application and case studies, methodologies, surveys, systematic reviews, and critical appraisals which are relevant to the following topics (but not limited to):

- Human decision making and problem solving
- Knowledge structure and mental model
- Human learning behaviour
- Human error and reliability
- Situation awareness
- Collaboration works
- Creativity
- Affective/emotional aspects of human interaction with IT artefacts
- Design methods, tools, and methodologies for supporting cognitive tasks
- Cognitive task analysis and modelling
- Human-centred automation
- Task/function allocation
- Information aiding and visualization
- Innovative user interface concepts (including augmented and virtual reality, multimodal user interfaces, and wearable computing)
- Intelligent agent design
- Training systems design
- Joint cognitive systems design
- Supporting diverse user groups (the disabled, the elderly, children,

personality traits, cognitive styles, gender, culture etc.)

- Evaluation of cognitive performance, social interaction, usability, etc.
- Methods and tools for studying cognitive tasks

Examples of application or industrial domains include: process control, aviation traffic control, advanced manufacturing systems, medical systems, intelligent vehicles, railroad systems, ubiquitous computing, smart home, mobile devices, digital TV, web applications, electronic commerce, game and entertainment, e-learning, business information systems, etc.

## TYPES OF PARTICIPATION

We invite people to participate in the following categories:

- Long papers
- Short papers
- Poster & Demonstration
- Doctoral Consortium

All submissions must be written in English. Submissions for all the types will be published in the conference proceedings, and made available in the ACM digital library. Detailed instructions on how to make submission in each category can be found on the conference website.