

## **Call for Papers**

**HEAT 2004**

**The Home and Electronic Assistive Technology**

**16-17th March 2004**

**Huntingdon Room, King's Manor, University of York**

### **A DIRC Workshop**

Organised by Gordon Baxter and Guy Dewsbury for the Interdisciplinary Research Collaboration in Dependability of Computer-Based Systems (DIRC) in association with the CUHTec the Centre for Usable Home Technology

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#### **INVITED SPEAKERS:**

**Dr Roger Orpwood** (Bath Institute of Medical Engineering): "Dependability Issues In Smart House Design"

**Elizabeth Sergeant** (Design Consultant, Scotland): "Dependability and Electronic Assistive Technology: A Service Provider Perspective".

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#### **INTRODUCTION: The Focus of the Workshop**

Electronic Assistive Technology (EAT) can support people with disabilities and the elderly to increase their independence and quality of life, but to do so it must be dependable. It must do exactly what it is supposed to do every time it is called upon. It must be designed and installed sympathetically so that it is actually used, and it must answer the real needs and wishes of its users.

The HEAT workshop provides a forum for discussion and debate on issues of dependability as they apply to the different types of EAT in the home:

- standard assistive devices to support mobility and sensory disabilities;
- one-off systems designed to meet specific needs, and
- systems of interconnected devices such as care alarms, telecare and 'smart' homes.

The workshop will be relevant to a wide range of people who have contact with, or use EAT:

- older people and their representatives;
- carers;
- social services department;
- occupational therapists;
- health trusts
- community equipment stores and ICES;
- researchers.

To accommodate this wide range of views the HEAT workshop will have two interconnected threads: the first focuses on the practical, hands-on issues of EAT, dependability and the home; the second focuses on more academic research investigations within these areas.

### **WORKSHOP TOPICS:**

The workshop will be concerned with dependability issues as they apply to:

- The needs of people with disabilities and the elderly
- Security and confidentiality
- The psychological and social impact of EAT
- Assistive technology
- Ubiquitous computing and Smart Homes
- Telecare/ Telehealth/ Telemedicine
- Systems specification and design
- Research methods
- Strategies Policy issues

### **WORKSHOP PROGRAMME:**

The full programme will be available from mid December.

### **WORKSHOP PRESENTATIONS FORMAT:**

Presentations will take one of three formats:

- Short papers (15 minutes including questions)
- Longer papers (20 minute presentation + general discussions and questions at the end of the session)
- Posters (time will be allocated within the programme for delegates to visit the posters and talk to their authors)

### **SUBMISSIONS AND DEADLINES:**

For short papers and posters please submit an extended abstract of no more than 2 pages.

For longer papers please submit a paper of not more than 4000 words.

**Extended abstracts and papers must be submitted for review, in their final form, by 30th October 2003.**

Authors will be notified of their acceptance or rejection by 3rd December 2003.

Papers should be submitted electronically in Microsoft Word (.doc or .rtf) or Adobe (.pdf) format to: Gordon Baxter ([g.baxter@psych.york.ac.uk](mailto:g.baxter@psych.york.ac.uk)) **a n d** Guy Dewsbury ([g.dewsbury@lancaster.ac.uk](mailto:g.dewsbury@lancaster.ac.uk)). The body of the text should be in 11 point Times font.

All accepted papers will appear in the workshop proceedings. Selected papers will be considered for a special issue of a journal (to be announced).

#### **WORKSHOP COST:**

Cost is £60 per person per day, which includes workshop proceedings tea, coffee and lunch. Attendance is limited to 80 people. Places will be assigned on a first come first served basis.

There will also be a workshop dinner on 16th March, which will be free to those people attending both days of the workshop.

There are a small number of bursaries (registration and travel) for people who would not otherwise be able to attend. Please enquire to: Gordon Baxter ([g.baxter@psych.york.ac.uk](mailto:g.baxter@psych.york.ac.uk)) or Guy Dewsbury ([g.dewsbury@lancaster.ac.uk](mailto:g.dewsbury@lancaster.ac.uk)).

#### **ACCOMMODATION:**

Participants will be responsible for organising their own accommodation. A list of available accommodation in York can be f o u n d a t <http://www.york.ac.uk/admin/accom/returner/usefullocal.htm>.

Details of Kings Manor can be obtained from <http://www.york.ac.uk/admin/presspr/kmanor/>

## **ORGANISING COMMITTEE:**

### **Workshop chairs:**

Gordon Baxter (University of York)  
Guy Dewsbury (Lancaster University)

### **Programme committee**

Mark Blythe (University of York)  
Karen Clarke (Lancaster University)  
Kate Hone (Brunel University)  
John Hughes (Lancaster University)  
Lorna Lines (Brunel University)  
Andrew Monk (University of York)  
Mark Rouncefield (Lancaster University)  
Ian Sommerville (Lancaster University)  
Peter Wright (University of York)

## **FURTHER INFORMATION**

More information can be obtained from Gordon Baxter ([g.baxter@psych.york.ac.uk](mailto:g.baxter@psych.york.ac.uk)) or Guy Dewsbury ([g.dewsbury@lancaster.ac.uk](mailto:g.dewsbury@lancaster.ac.uk)). Could all participants who require special requirements make these known to Gordon or Guy.

The conference web site is at

<http://www-users.york.ac.uk/~am1/HEAT.html>