**Workshop on
"Guidelines for the design of HCI for people with
disabilities"**

Julio G. Abascal (1)
Monique Noirhomme-Fraiture (2)
Helen Petrie (3)
Floris Van Nes (4)

- (1) Chairman of the IFIP WG 13.3
Laboratory of HCI for Special Needs. U. of the Basque Country (Spain)
(2) Institut d'Informatique, Facultés Univ. N.D. de la Paix. Namur (Belgium)
(3) University of Hertfordshire (UK)
(4) Institute for Perception Research. University of Eindhoven (NL).
(1) julio@si.ehu.es
(2) mnoirhomme@info.fundp.ac.be
(3) H.L.Petrie@herts.ac.uk
(4) flvannes@prl.philips.nl

Abstract This workshop, run by IFIP WG 13.3 Human Computer Interaction and Disability, aims to collect and discuss previously issued sets of guidelines, and to establish criteria to be able to develop a reviewed classification of guidelines. It is intended to make a contribution in helping designers world-wide find relevant guidelines to include the needs of elderly and disabled users.

Key words People with special needs, Design rationale, Standards and guidelines, Individual differences

**Guidelines for the design of HCI for people
with disabilities**

"To make HCI designers aware of the needs of people with disabilities" and "To monitor the latest

developments in the design of HCI and their impact on accessibility and usability" were two of the goals defined in the document proposing to the International Federation for Information Processing the creation of a

Working Group on Human-Computer Interaction and Disability.

In its first meeting, held in Donostia-San Sebastián (Spain) on November/1993, the newly created working group, named IFIP WG 13.3, modified and extended its terms of reference. One of the most significant addition was this goal: **"To recommend guidelines for the design of HCI to facilitate the use of computers by people with disabilities"**.

It is felt that the WG can make a contribution in helping designers world-wide find relevant guidelines to include the needs of elderly and disabled users. WG 13.3 does not plan to develop a new set of guidelines, as much work has already been done in this area, e.g., by the TRACE CENTER¹, University of Madison, Wisconsin, USA, or the guidelines for software designers by the Sensory Disabilities Research Unit, University of Hertfordshire (Petrie, 95).

Thus, this workshop, run by WG 13.3, aims to collect and discuss previously issued sets of guidelines, and to establish criteria to be able to develop a reviewed classification of guidelines. To achieve previously

mentioned goals two kind of interventions are foreseen:

- WG 13.3 will provide a list of keynote speakers to speak about criteria to analyse HCI guidelines.
- Authors are going to be asked to present papers about different sets of guidelines and other relevant material, (e.g. market figures to show implications for design and what industry will get out of it).

These guidelines and other materials will be considered according to their usability, user needs awareness, methodological aspects, evaluation procedures, etc., both from the point of view of users with disabilities and also the designers.

In this workshop discussions will also taken place as to how best to proceed to offer and disseminate the resulting conclusions through the IFIP media, for example whether designers would welcome a more concise paper document or a regularly updated WWW site.

References

(Petrie, 95) Helen Petrie "A Functional Classification of Disabilities: Implications for the Design of Accessible Technology" Proceedings of the European Conference on the Advancement of Rehabilitation Technology, ECART 3, October 10-13, 1995, Lisbon (P), pp. 250-252

¹ WWW address: trace.wisc.edu, under the menu items: Universal Access project and Project Info Curbcuts (General Information on the NII [the "Master Doc"], Project publications, Access to the NII by People with Disabilities or who are Aging.)