

1. Record Nr.	UNINA9910767526903321
Titolo	Computers Helping People with Special Needs : 9th International Conference, ICCHP 2004, Paris, France, July 7-9, 2004, Proceedings // edited by Joachim Klaus, Klaus Miesenberger, Dominique Burger, Wolfgang Zagler
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
ISBN	3-540-27817-6
Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (XLVI, 1195 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 3118
Disciplina	617.033
Soggetti	Sociology User interfaces (Computer systems) Information storage and retrieval Application software Computers and civilization Education—Data processing Sociology, general User Interfaces and Human Computer Interaction Information Storage and Retrieval Information Systems Applications (incl. Internet) Computers and Society Computers and Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	We Are All Blind: Cognetics and the Designing of Interfaces for Accessibility -- From the Human Interface to the Humane Interface -- Design for All: Awareness, Guidelines and Policy -- Design for All in IST -- Co-operation in Europe -- Personalization of Interactive Systems -- e-Learning and Accessibility -- Making Music Accessible -- Accessible Games and Entertainment -- Accessible Tourism -- Accessibility and the Next Generation of Web Development Tools -- Elderly and Disabled People: Therapy and Care -- Blind and Visually Impaired People:

Orientation and Mobility -- Blind People: Braille Interfaces -- Blind and Visually Impaired People: Access to Documents and Information -- Blind and Visually Impaired People: Education and Training -- Blind People: Access to Mathematics -- Blind People: Access to Graphics and Haptic Interfaces -- Mobility Impaired People: HCI -- Mobility Impaired People: Rehabilitation and Health Care -- Smart Environments for All -- People with Cognitive, Speech and Learning Impairment: Autism -- People with Cognitive, Speech and Learning Impairment: Software Accessibility -- People with Cognitive, Speech and Learning Impairment: Education and Training -- Deaf People: Sign Language and Digital Media -- Deaf and Hearing Impaired People: ICT and AT.

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## Sommario/riassunto

The introduction to the 1st International Conference on Computers for Handicapped Persons (Vienna, 1989) by AMinTjoa (University of Vienna) and Roland Wagner (University of Linz) finished with the following mission statement on the "Future Direction on Computers for Handicapped Persons": "The different themes show that a lot of problems are solved by the usage of computer technology for helping handicapped persons, for instance for the blind and visually handicapped. A consequence of the discussed themes there are two directions which should be done in the next years. One direction is obvious. The tools must be improved and research and development work should be extended to all groups of handicapped (even if they are numerically not so large as for instance the blind or visually handicapped persons). On the other side in the area of social implications there is an increasing demand on social science studies on overall computer use among disabled persons. Because sources are in principle missing today about disabled persons work tasks, research in this field must begin by trying to survey this aspect. Particular attention should be paid to the extent and character of computer use among the handicapped in work life. There are a lot of questions, which should be answered during the next years for reaching the aim of rehabilitation." Fifteen years later the 9th International Conference on Computers Helping People with Special Needs (Paris, 2004) offered a comprehensive and deepened view on general awareness, special research and individual applications concerning disabled people and their participation in our society.

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