Record Nr. UNISA996465956403316 Computers Helping People with Special Needs [[electronic resource]]: **Titolo** 15th International Conference, ICCHP 2016, Linz, Austria, July 13-15, 2016, Proceedings, Part II / / edited by Klaus Miesenberger, Christian Bühler, Petr Penaz Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2016 **ISBN** 3-319-41267-1 Edizione [1st ed. 2016.] Descrizione fisica 1 online resource (XXX, 608 p. 208 illus.) Information Systems and Applications, incl. Internet/Web, and HCI;; Collana 9759 Disciplina 362.40480285 User interfaces (Computer systems) Soggetti Application software Education—Data processing Artificial intelligence User Interfaces and Human Computer Interaction Information Systems Applications (incl. Internet) Computers and Education Computer Appl. in Social and Behavioral Sciences Artificial Intelligence Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Environmental sensing technologies for visual impairments -- Tactile Nota di contenuto graphics and models for blind people and recognition of shapes by touch -- Tactile maps and map data for orientation and mobility --Mobility support for blind and partially sighted people -- The use of mobile devices by individuals with special needs as an assistive tool --Mobility support for people with motor and cognitive disabilities --Towards e-inclusion for people with intellectual disabilities -- At and

and ICT for blind and partially sighted people.

inclusion of people with autism or dyslexia -- AT and inclusion of deaf and hard of hearing people -- Accessible computer input -- AT and rehabilitation for people with motor and mobility disabilities -- HCI, AT

## Sommario/riassunto

The two volume set LNCS 9758 and 9759, constitutes the refereed proceedings of the 15th International Conference on Computers Helping People with Special Needs, ICCHP 2015, held in Linz, Austria, in July 2016. The 115 revised full papers and 48 short papers presented were carefully reviewed and selected from 239 submissions. The papers included in the second volume are organized in the following topics: environmental sensing technologies for visual impairments; tactile graphics and models for blind people and recognition of shapes by touch; tactile maps and map data for orientation and mobility; mobility support for blind and partially sighted people; the use of mobile devices by individuals with special needs as an assistive tool: mobility support for people with motor and cognitive disabilities; towards e-inclusion for people with intellectual disabilities; At and inclusion of people with autism or dyslexia; AT and inclusion of deaf and hard of hearing people; accessible computer input; AT and rehabilitation for people with motor and mobility disabilities; HCI, AT and ICT for blind and partially sighted people.