1.

Record Nr.	UNISA996466000003316
Titolo	Human Interface and the Management of Information [[electronic resource]] : Information and Interaction for Health, Safety, Mobility and Complex Environments. 15th International Conference, HCI International 2013, Las Vegas, NV, USA, July 21-26, 2013, Proceedings, Part II / / edited by Sakae Yamamoto
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-39215-6
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XXIII, 619 p. 314 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 8017
Disciplina	005.437 4.019
Soggetti	User interfaces (Computer systems) Application software Health informatics Information storage and retrieval User Interfaces and Human Computer Interaction Computer Applications Health Informatics Information Systems Applications (incl. Internet) Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Power & Energy Management: A User-Centered System-of-Systems Engineering Approach -- The Effects of Early Training with Automation Tools on the Air Traffic Management Strategies of Student ATCos -- Intuitive Gestures On Multi-Touch Displays for Reading Radiological Images -- Pathway Construction and Extension using Natural Language Processing -- Increasing Situational Awareness of Indoor Emergency Simulation using Multilayered Ontology-Based Floor Plan Representation -- Development of Dual Tractor Capability for a Soldier Multisensory Navigation and Communication System -- Developing a

High-Fidelity Simulation and Training to Improve Coordination between Aerospace Specializations -- Designing and Verifying Application Schema by Applying Standard Element for Managing Ocean Observation Data -- Usability of Performance Dashboards, Usefulness of Operational and Tactical Support, and Quality of Strategic Support: A Research Framework -- BookAidee: Managing evacuees from natural disaster by RFID tagged library books -- Performance Monitoring of Industrial Plant Alarm Systems by Statistical Analysis of Plant Operation Data -- Pre-Study Walkthrough with a Commercial Pilot for a Preliminary Single Pilot Operations Experiment -- Computing and the Internet of Things: Technology Innovation in Automobile Service -- Train Ride Simulation using Assist Strap Device -- A Precursory Look at Potential Interaction Objectives Affecting Flexible Robotic Cell Safety -- An Intelligent Interactive Home Care System: An MPLS-Based Community Cloud -- An Improvement of Disaster Information System for Local Residents -- Improving the Flexibility of In-Vehicle Infotainment Systems by the Smart Management of GUI-Application Binding related Information -- Young Adult Health Promotion: Supporting Research Design with Eye-Tracking Methodologies -- Enabling Access to Healthy Food Alternatives for Low-Income Families: The Role of Mobile Technology -- Are Prescription Labels Usable? A Review and Analysis -- A Dialog Based Speech User Interface of a Makeup Support System for Visually Impaired Persons -- The Urgent Communication System for Deaf and Language Dysfunction People -- Qualitative Study for Designing Peripheral Communication between Hospitalized Children and Their Family Members -- Development of a chest X-ray examination support system for foreigners using a personal digital assistant -- Assessing the Effects of MOBILE OS Design on Single-step Navigation and Task Performance -- Safety Culture: An Examination of the Relationship Between a Safety Management System and Pilot Judgment Using Simulation in Aeronautics -- Proposal of Non-dimensional Parameter Indices to Evaluate Safe Driving Behavior -- Measuring UAS Pilot Responses to Common Air Traffic Clearance.

| Sommario/riassunto | The three-volume set LNCS 8016, 8017, and 8018 constitutes the refereed proceedings of the 15th International Conference on Human-Computer Interaction, HCII 2013, held in Las Vegas, NV, USA in July 2013. The total of 1666 papers and 303 posters presented at the HCII 2013 conferences was carefully reviewed and selected from 5210 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of human-computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. This volume contains papers in the thematic area of human interface and the management of Information, addressing the following major topics: complex information environments; health and quality of life; mobile interaction; safety in transport, aviation and industry. |