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Descrizione fisica	1 online resource (XVII, 517 p. 199 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 9677
Disciplina	362.6
Soggetti	Special purpose computers User interfaces (Computer systems) Application software Artificial intelligence Optical data processing Information storage and retrieval Special Purpose and Application-Based Systems User Interfaces and Human Computer Interaction Information Systems Applications (incl. Internet) Artificial Intelligence Image Processing and Computer Vision Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Smart homes, smart urban spaces and new assistive living space concepts in the smart city -- E-Health for future smart cities -- Context awareness and autonomous computing -- Home networks and residential gateways -- Middleware support for smart homes and health telematic services -- E-Health and chronic disease management -- E-Health technology assessment and impact analysis -- Tele-assistance and Tele-rehabilitation -- Modeling of physical and

conceptual Information in intelligent environments -- Medical big data collection, processing and analysis -- Human machine interfaces -- Wearable sensors and continuous health monitoring -- Social, privacy and security issues -- Mobile Health Services -- Smart Rehabilitation Technologies.

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Sommario/riassunto

This book constitutes the proceedings of the 14th International Conference on Smart Homes and Health Telematics, ICOST 2016, held in Wuhan, China, in May 2016. The 39 regular papers, 5 short papers and 1 poster paper included in this volume were carefully reviewed and selected from 83 submissions. They were organized in topical sections named: smart homes, smart urban spaces and new assistive living space concepts in the smart city; e-health for future smart cities; context awareness and autonomous computing; home networks and residential gateways; middleware support for smart homes and health telematic services; e-health and chronic disease management; e-health technology assessment and impact analysis; tele-assistance and tele-rehabilitation; modeling of physical and conceptual information in intelligent environments; medical big data collection, processing and analysis; human machine interfaces; wearable sensors and continuous health monitoring; social, privacy and security issues; mobile health services; and smart rehabilitation technologies.

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