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| Descrizione fisica      | 1 online resource (XIV, 323 p. 61 illus.)  |
| Collana                 | Programming and Software Engineering, , 2945-9168 ; ; 8742   |
| Disciplina              | 004.6  |
| Soggetti                | Software engineering<br>Computer networks<br>User interfaces (Computer systems)<br>Human-computer interaction<br>Application software<br>Artificial intelligence<br>Computers and civilization<br>Software Engineering<br>Computer Communication Networks<br>User Interfaces and Human Computer Interaction<br>Computer and Information Systems Applications<br>Artificial Intelligence<br>Computers and Society   |
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| Livello bibliografico   | Monografia   |
| Note generali           | Includes index.  |
| Nota di contenuto       | Integration of software engineering and user-centered design -- HCI models and model-driven engineering -- Incorporating guidelines and principles for designing usable products in the development process -- Usability engineering -- Methods for user interface design -- Patterns in HCI and HCSE -- Software architectures for user interfaces -- User interfaces for special environments -- Representations for design in the development process -- Working with iterative and agile process |

models in HCSE -- Social and organizational aspects in the software development lifecycle -- Human-centric software development tools -- User profiles and mental models -- User requirements and design constraints -- User experience and software design.

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## Sommario/riassunto

This book constitutes the refereed proceedings of the 5th IFIP WG 13.2 International Conference on Human-Centered Software Engineering, HCSE 2014, held in Paderborn, Germany, in September 2014. The 13 full papers and 10 short papers presented together with one keynote were carefully reviewed and selected from 35 submissions. The papers cover various topics such as integration of software engineering and user-centered design; HCI models and model-driven engineering; incorporating guidelines and principles for designing usable products in the development process; usability engineering; methods for user interface design; patterns in HCI and HCSE; software architectures for user interfaces; user interfaces for special environments; representations for design in the development process; working with iterative and agile process models in HCSE; social and organizational aspects in the software development lifecycle; human-centric software development tools; user profiles and mental models; user requirements and design constraints; and user experience and software design.

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