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Titolo	The Future Home is Wise, Not Smart : A Human-Centric Perspective on Next Generation Domestic Technologies // by Gerhard Leitner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-23093-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (135 p.)
Collana	Computer Supported Cooperative Work, , 1431-1496
Disciplina	696
Soggetti	User interfaces (Computer systems) Application software Community psychology Environmental psychology User Interfaces and Human Computer Interaction Computer Appl. in Social and Behavioral Sciences Community and Environmental Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Preface -- Part I: The Current State in Smartness -- Wise – The Difference Between Smart and Smart-Ass -- Why is it Called Human-Computer Interaction but focuses on Computing Instead -- The Different Meanings of Home -- Part II: The Wise Approach: Fromm Sweet, through to Smart and WISE -- A Focused Survey on Technology from Hypocaust to Smart Appliances -- The Theoretical Foundations of the Wise Home -- Empirical Foundations of WISE -- Part III: The WISE Home of the Future -- The Proof of the WISE Concept -- The WISE Future of Home Technology -- Epilogue.
Sommario/riassunto	This book introduces the concept of the wise home. Whilst smart homes focus on automation technologies, forcing users to deal with complex and incomprehensible control and programming procedures, the wise home is different. By going beyond intelligence (or smartness) the wise home puts technology in the background and supports explicit (enhanced user-experience) as well as implicit (artificial intelligence) interaction adequate to the end-user's needs. The theoretical basis of

the wise home is explored and examples for its application for future living are presented based on empirical studies and field work carried out by the author. Principles of HCI and the meaning of the home from differing scientific perspective are discussed and a research model (based on the concept of user experience (UX)) and iterations is introduced. This has resulted in field deployment guides being produced through a systematic development process. The Future Home is Wise, not Smart will be essential reading to home system developers, designers and researchers, responsible for smart home deployment or Ambient Assisted Living (AAL) who will get insights on how to follow a novel approach in developing and adapting smart home systems to their users' needs. Students with an interest in software design for pervasive systems will benefit by receiving information on how to develop and customise systems for the specific needs of living environments.

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