Record Nr. UNINA9910254849803321 Autore Hargreaves Tom Titolo Smart Homes and Their Users [[electronic resource] /] / by Tom Hargreaves, Charlie Wilson Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2017 **ISBN** 3-319-68018-8 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XIX, 122 p. 19 illus., 17 illus. in color.) Collana SpringerBriefs in Human-Computer Interaction, , 2520-1670 696 Disciplina Soggetti User interfaces (Computer systems) Environmental sociology Energy systems User Interfaces and Human Computer Interaction **Environmental Sociology Energy Systems** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references at the end of each chapters. Nota di bibliografia Nota di contenuto Introduction: Smart Homes and Their Users -- Analytical Framework for Research on Smart Homes and Their Users -- Perceived Benefits and Risks of Smart Home Technologies -- Routines and Energy Intensity of Activities in the Smart Home -- Domestication of Smart Home Technologies -- Control of Smart Home Technologies -- Conclusions and Implications for Industry, Policy and Research. . Smart home technologies promise to transform domestic comfort, Sommario/riassunto convenience, security and leisure while also reducing energy use. But delivering on these potentially conflicting promises depends on how they are adopted and used in homes. This book starts by developing a new analytical framework for understanding smart homes and their users. Drawing on a range of new empirical research combining both qualitative and quantitative data, the book then explores how smart home technologies are perceived by potential users, how they can be used to link domestic energy use to common daily activities, how they may (or may not) be integrated into everyday life by actual users, and

how they serve to change the nature of control within households and

the home. The book concludes by synthesising a range of evidence-based insights, and posing a series of challenges for industry, policy, and research that need addressing if a smart home future is to be realised. Researchers will find this book provides useful insights into this fast-growing field.