Record Nr. UNINA9910254822903321 Autore **Ludwig Thomas** Titolo Researching Complex Information Infrastructures : Design Characteristics of ICT Tools for Examining Modern Technology Usage / / by Thomas Ludwig Wiesbaden:,: Springer Fachmedien Wiesbaden:,: Imprint: Springer,, Pubbl/distr/stampa 2017 ISBN 3-658-16921-4 Edizione [1st ed. 2017.] 1 online resource (XX, 290 p. 60 illus., 48 illus. in color.) Descrizione fisica Collana Medien der Kooperation – Media of Cooperation, , 2520-8349 Disciplina 658.40360285 Soggetti Computers Artificial intelligence Information Systems and Communication Service Artificial Intelligence Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Nota di contenuto Researching the Formation of a Public through Modern ICT --Examining Individual's Activities 'in the Wild' -- Assessing and Structuring Citizen-Generated Content in Social Media -- Aligning Physical and Digital Activities of Citizens -- Supporting the Research of Information Infrastructures. Thomas Ludwig reveals design characteristics when aiming at Sommario/riassunto researching information infrastructures and their diverse information resources, types of users and systems as well as divergent practices. By conducting empirically-based design case studies in the domain of crisis management, the author uncovers methodological and design challenges in understanding new kinds of interconnected information infrastructures from a praxeological perspective. Based on implemented novel ICT tools, he derives design characteristics that focus on integrating objective and subjective queried insights into situated activities of people as well as emphasizing the subjective nature of information quality. Content Researching the Formation of a Public through Modern ICT Examining Individual's Activities 'in the

Wild' Assessing and Structuring Citizen-Generated Content in Social Media Aligning Physical and Digital Activities of Citizens Supporting the

Research of Information Infrastructures Target Groups Lecturers and students of information systems, computer science, computer-supported cooperative work, human-computer interaction, and science and technology studies Software developer and interaction designer The Author Thomas Ludwig studied Information Systems at the University of Siegen (Germany) and Newcastle (Australia). He finished his PhD in 2016 and is currenlty a senior researcher at the University of Siegen focusing on human-centered ICT design.