1. Record Nr. UNINA9910254934103321

Titolo	Design Thinking Research : Making Design Thinking Foundational / / edited by Hasso Plattner, Christoph Meinel, Larry Leifer
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-19641-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (288 p.)
Collana	Understanding Innovation, , 2197-5752
Disciplina	620.0042
Soggetti	Information technology Business—Data processing Management Industrial management Software engineering Management information systems Computer science Multimedia systems IT in Business Innovation/Technology Management Software Engineering Management of Computing and Information Systems Media Management Media Design
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	Part I: Tools and Techniques for Improved Team Interaction -- Part II: Creativity and Creative Confidence -- Part III: Measuring Design Thinking -- Part IV: Documentation and Information Transfer in Design Thinking Processes.
Sommario/riassunto	What is the actual impact of design thinking? Which tools and techniques could conceivably improve team interaction in design processes? What influences creativity? And how can information be secured? These are just a few of the questions that were addressed by

research teams from Stanford University, USA, and the Hasso Plattner Institute for Software Systems Engineering, Potsdam, Germany, within their joint Design Thinking Research Program. Scientists from both institutions have been studying the user-centric innovation method of design thinking for many years now to gain a deep, evidence-based understanding of its underlying principles and functioning. The outcome of their studies, experiments and investigations in the sixth program year are summarized in this volume. Again research covers a diverse range of design thinking domains. The aim, however, is not only to advance design thinking theory and knowledge within the research community. Rather the program strives to ultimately improve design practice and education by gathering scientific evidence that supports design activities. The first part of this book presents tools and techniques for improved team interaction that have been investigated and developed by the research teams. Creativity and creative confidence as central factors in design thinking are the focus of the second part. The book continues with investigations on the actual impact of design thinking and conceivable metrics. The fourth and final part of the book addresses issues of documentation and information transfer in innovation processes. By taking the understanding of innovation to a new level that is relevant to all disciplines, our research provides a significant contribution toward making design thinking a foundational science.