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| Soggetti | Business information services Software engineering Neurosciences Electronic data processing - Management Technological innovations IT in Business Software Engineering Neuroscience IT Operations Innovation and Technology Management |
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| Nota di contenuto | Chapter 1. A Humanistic and Creative Philosophy of Design -- Part 1. Value Creation in Virtual Innovation Spaces -- Chapter 2. Interpersonal Trust Activity to Increase Team Creativity Outcome: An fNIRS Hyperscanning Approach -- Chapter 3. Dancing With Ambiguity Online: When Our Online Actions Cause Confusion -- Chapter 4. Design Thinking for Digital Transformation: Reconciling Theory and Practice -- Chapter 5. Experiences of Facilitating Virtual Design Thinking: Theoretical Reflections and Practical Implications -- Chapter 6. Accessibility of Linked-node Diagrams on Collaborative White-boards for Screen Reader Users: Challenges and Opportunities -- Part 2. Fostering Innovation Behavior and Co-evolution -- Chapter 7. A Pattern Language of an Exploratory Programming Workspace -- Chapter 8. |

Practice-to-research: Translating Company Phenomena into Empirical Research -- Chapter 9. Timely State Exposure for the Coevolution of Mental Models and Dynamic Systems -- Chapter 10. Designing for Value Creation: Principles, Methods and Case Insights from Embedding Designing-as-performance in Digital Health Education and Research -- Part 3. Problematizing Design Thinking as a Concept -- Chapter 11. Different Concepts of Human Needs – or: Is There a Tension Between the Design Thinking Focus on Needs and Aspirations to Radical Innovation? -- Chapter 12. Facets of Human-centered Design: The Evolution of Designing by, With, and for People -- Chapter 13. Decades of Alumni – Designing a Study on the Long-term Impact of Design Education -- Chapter 14. Different Types of Productive Thinking in Design: From Rational to Social Design Thinking -- Chapter 15. The Cultural Construction of Creative Problem Solving: A Critical Reflection on Creative Design Thinking, Teaching, and Learning -- Chapter 16. Design Thinking as a Catalyst and Support for Sustainability Solutions.

Sommario/riassunto

An increasing number of individuals and institutions have come to recognize the innovative power of design thinking. However, its success story has also meant that the term has evolved into something of an overused, or even misused, buzzword. The demand for an in-depth, evidence-based understanding of the way design thinking works has grown accordingly. This challenge is addressed by the Hasso Plattner Design Thinking Research Program. Summarizing the outcomes of the research program's 13th year, this book presents a broad range of scientific insights gained by researchers at the Hasso Plattner Institute in Potsdam, Germany and Stanford University in California, in the course of their investigations, experiments and studies. Special focus is placed on the impact, accessibility and measurability of design thinking. The contributing authors seek to establish common ground, conduct modelling, and develop essential toolkits. The expanding field of neurodesign is also addressed in contributions that explore the neural basis for creativity and nonverbal actions. The results of this rigorous academic research are not meant to be discussed exclusively within the scientific community: they will hopefully find their way to those who seek to promote innovation through collaboration, be it at businesses or in society.
