

1. Record Nr.	UNINA9910150452203321
Titolo	Wisdom Web of Things / / edited by Ning Zhong, Jianhua Ma, Jiming Liu, Runhe Huang, Xiaohui Tao
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-44198-1
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XV, 349 p. 80 illus., 56 illus. in color.)
Collana	Web Information Systems Engineering and Internet Technologies Book Series, , 2627-1753
Disciplina	006.3
Soggetti	Artificial intelligence Application software Medical informatics Artificial Intelligence Information Systems Applications (incl. Internet) Health Informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Research Challenges and Perspectives on Wisdom Web of Things (W2T) -- WaaS - Wisdom as a Service -- Towards W2T Foundations: Interactive Granular Computing and Adaptive Judgement -- Towards a Situation-Aware Architecture for the Wisdom Web of Things -- Context-Awareness in Autonomic Communication and in Accessing Web Information: Issues and Challenges -- Ontology-Based Model for Mining User's Emotions on the Wisdom Web -- Wisdom as a Service for Mental Health Care -- Leveraging Neurodata to Support Web User Behavior Analysis -- W2T Framework Based U-pillbox System towards U-healthcare for the Elderly -- Attention Inspired Resource Allocation for Heterogeneous Sensors in Internet of Things -- Mining Multiplex Structural Patterns from Complex Networks -- Suitable Route Recommendation Inspired by Cognition -- A Monitoring System for the Safety of Building Structure Based on W2T Methodology -- Brain Big Data in Wisdom Web of Things.
Sommario/riassunto	This book provides a thorough overview of the Wisdom Web of Things

(W2T), a holistic framework for computing and intelligence in an emerging hyper-world with a social-cyber-physical space. Fast-evolving Web intelligence research and development initiatives are now moving toward understanding the multifaceted nature of intelligence and incorporating it at the Web scale in a ubiquitous environment with data, connection and service explosion. The book focuses on the framework and methodology of W2T, as well as its applications in different problem domains, such as intelligent businesses, urban computing, social computing, brain informatics and healthcare. From the researcher and developer perspectives, the book takes a systematic, structured view of various W2T facets and their overall contribution to the development of W2T as a whole. Written by leading international researchers, this book is an essential reference for researchers, educators, professionals, and tertiary HDR students working on the World Wide Web, ubiquitous computing, knowledge management, and business intelligence.

---