

1. Record Nr.	UNINA9910484958903321
Titolo	Frontier Computing : Theory, Technologies and Applications (FC 2019) // edited by Jason C. Hung, Neil Y. Yen, Jia-Wei Chang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-3250-8
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (1,856 pages) : illustrations
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 551
Disciplina	006.3
Soggetti	Computational intelligence Computer networks Multimedia systems Electronic circuits Computational Intelligence Computer Communication Networks Multimedia Information Systems Electronic Circuits and Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. Cloud, Ubiquitous, Pervasive, and High Performance Computing -- Chapter 2. Dependable, Reliable and Autonomic Computing -- Chapter 3. Wearable Computing, Mobile Web, and Smart Environment -- Chapter 4. Algorithm, Model, and Framework Programming Languages -- Chapter 5. Communication and Networking -- Chapter 6. Database and Data Mining -- Chapter 7. Big Data and Internet of Things -- Chapter 8. Anticipatory Computing -- Chapter 9. Web and Internet Computing -- Chapter 10. Natural Language Processing Operating Systems -- Chapter 11. Image Processing, Pattern Recognition, Multimedia Technology -- Chapter 12. Embedded System and Software -- Chapter 13. Geographical Information Systems/ Global Navigation Satellite Systems (GIS/GNSS) -- Chapter 14. Intelligent Information & Database Systems -- Chapter 15. Security and Privacy -- Chapter 16. Social Web, Network, and Computing -- Chapter 17. Social, Ethical & Other Issues of Networked World -- Chapter 18. Software Design Patterns & Engineering -- Chapter 19. Information/Business

Sommario/riassunto

This book gathers the proceedings of the 9th International Conference on Frontier Computing, held in Kyushu, Japan on July 9–12, 2019, and provides comprehensive coverage of the latest advances and trends in information technology, science and engineering. It addresses a number of broad themes, including communication networks, business intelligence and knowledge management, web intelligence, and related fields that inspire the development of information technology. The respective contributions cover a wide range of topics: database and data mining, networking and communications, web and internet of things, embedded systems, soft computing, social network analysis, security and privacy, optical communication, and ubiquitous/pervasive computing. Many of the papers outline promising future research directions, and the book will benefit students, researchers and professionals alike. Further, it offers a useful reference guide for newcomers to the field.
