

1. Record Nr.	UNISA996546840603316
Autore	Wang Dong
Titolo	Social Edge Computing [[electronic resource]] : Empowering Human-Centric Edge Computing, Learning and Intelligence // by Dong Wang, Daniel 'Yue' Zhang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-26936-5
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (184 pages)
Altri autori (Persone)	ZhangDaniel 'Yue'
Disciplina	005.758
Soggetti	Cloud Computing Artificial intelligence Internet of things Artificial Intelligence Internet of Things
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A New Human-centric Computing Age at Edge -- Social Edge Trends and Applications -- Rational Social Edge Computing -- Taming Heterogeneity in Social Edge Computing -- Real-time AI in Social Edge -- Human-AI Interaction -- Privacy in Social Edge -- Further Readings -- Conclusion and Remaining Challenges.
Sommario/riassunto	The rise of the Internet of Things (IoT) and Artificial Intelligence (AI) leads to the emergence of edge computing systems that push the training and deployment of AI models to the edge of networks for reduced bandwidth cost, improved responsiveness, and better privacy protection, allowing for the ubiquitous AI that can happen anywhere and anytime. Motivated by the above trend, this book introduces a new computing paradigm, the Social Edge Computing (SEC), that empowers human-centric edge intelligent applications by revolutionizing the computing, intelligence, and the training of the AI models at the edge. The SEC paradigm introduces a set of critical human-centric challenges such as the rational nature of edge device owners, pronounced heterogeneity of the edge devices, real-time AI at the edge, human and

AI interaction, and the privacy of the edge users. The book addresses these challenges by presenting a series of principled models and systems that enable the confluence of the computing capabilities of devices and the domain knowledge of the people, while explicitly addressing the unique concerns and constraints from humans. Compared to existing books in the field of edge computing, the vision of this book is unique: we focus on the social edge computing (SEC), an emerging paradigm at the intersection of edge computing, AI, and social computing. This book discusses the unique vision, challenges and applications in SEC. To our knowledge, keeping humans in the loop of edge intelligence has not been systematically reviewed and studied in an existing book. The SEC vision generalizes the current machine-to-machine interactions in edge computing (e.g., mobile edge computing literature), and machine-to-AI interactions (e.g., edge intelligence literature) into a holistic human-machine-AI ecosystem. .

2. Record Nr.	UNISA996271550003316
Titolo	International journal of hematologic oncology
Pubbl/distr/stampa	London, UK : , : Future Medicine, , [2012]-
ISSN	2045-1407
Descrizione fisica	1 online resource
Soggetti	Hematological oncology Hematologic Diseases Neoplasms Periodical Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

