1.	Record Nr.	UNINA9910349431603321
	Titolo	Edge Computing – EDGE 2018 : Second International Conference, Held as Part of the Services Conference Federation, SCF 2018, Seattle, WA, USA, June 25-30, 2018, Proceedings / / edited by Shijun Liu, Bedir Tekinerdogan, Mikio Aoyama, Liang-Jie Zhang
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	3-319-94340-5
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XII, 153 p. 79 illus.)
	Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 10973
	Disciplina	004
	Soggetti	Computers Artificial intelligence Computer security Computer organization E-commerce Optical data processing Information Systems and Communication Service Artificial Intelligence Systems and Data Security Computer Systems Organization and Communication Networks e-Commerce/e-business Image Processing and Computer Vision
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Research Track -- Home Edge Computing (HEC): Design of a New Edge Computing Technology for Achieving Ultra-Low Latency -- Modular framework for Data Prefetching and Replacement at the Edge -- Boundless Application and Resource Based on Container Technology -- A Reconfigurable Streaming Processor for Real-Time Low-Power Execution of Convolutional Neural Networks at the Edge -- Application and Industry Track -- Efficient Bare Metal Auto-Scaling for NFV in Edge Computing -- Mobile Edge Offloading using Markov Decision Processes

-- A Face Recognition System Based on Cloud Computing and AI Edge for IOT -- A Robust Retail POS System based on Blockchain and Edge Computing -- A Privacy Risk Aware Service Selection Approach for Service Composition -- Short Paper Track -- A Chinese Text Correction and Intention Identification Method for Speech Interactive Scene -- FCN-biLSTM Based VAT Invoice Recognition and Processing -- Research on Cross-chain Technology Based on Sidechain and Hash-locking.

Sommario/riassunto	This book constitutes the proceedings of the International Conference on Edge Computing, EDGE 2018, held in Seattle, WA, USA, in June 2018. The 9 full papers and 3 short paper presented in this volume were carefully reviewed and selected from 29 submissions. The contributions are organized in topical sections named: Research Track; Application and Industry Track; and Short Paper Track. They deal with the latest fundamental advances in the state of the art and practice of edge computing.