

1. Record Nr.	UNISA996465970703316
Titolo	Edge Computing – EDGE 2018 [[electronic resource]] : 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.
