1. **Record Nr.** UNISA996199680703316

   Titolo Concurrent Objects and Beyond [[electronic resource]] : Papers dedicated to Akinori Yonezawa on the Occasion of His 65th Birthday / / edited by Gul Agha, Atsushi Igarashi, Naoki Kobayashi, Hidehiko Masuhara, Satoshi Matsuoka, Etsuya Shibayama, Kenjiro Taura

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014

   ISBN 3-662-44471-2

   Edizione [1st ed. 2014.]

   Descrizione fisica 1 online resource (XXXVI, 447 p. 136 illus.)

   Collana Programming and Software Engineering ; ; 8665

   Disciplina 005.117

   Soggetti Software engineering
   Artificial intelligence
   Programming languages (Electronic computers)
   Operating systems (Computers)
   Computer programming
   Software Engineering
   Artificial Intelligence
   Programming Languages, Compilers, Interpreters
   Operating Systems
   Programming Techniques

   Lingua di pubblicazione Inglese

   Formato Materiale a stampa

   Livello bibliografico Monografia

   Note generali Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto My Early Education and Concurrent Objects -- Object-Oriented Concurrent Programming in ABCL/1 -- Reflection in an Object-Oriented Concurrent Language -- Building Safe Concurrency Abstractions -- Structuring Communication with Session Types -- From Linear Types to Behavioral Types and Model Checking -- SALSA Lite: A Hash-Based Actor Runtime for Efficient Local Concurrency -- Past and Future Directions for Concurrent Task Scheduling -- Controlling Concurrency and Expressing Synchronization in Charm++ Programs -- MassiveThreads: A Thread Library for High Productivity Languages -- On Efficient Load Balancing for Irregular Applications -- Verifiable Object-Oriented Transactions -- Design and Implementation

of a Mobile Actor Platform for Wireless Sensor Networks -- Objects in Space -- Towards a Substrate Framework of Computation -- Event-Based Modularization of Reactive Systems -- From Actors and Concurrent Objects to Agent-Oriented Programming in simpAL.

Sommario/riassunto	This Festschrift volume includes a collection of papers written in honor of the accomplishments of Professor Yonezawa on the occasion of his 65th birthday in 2012. With a few exceptions, the papers in this Festschrift were presented at an international symposium celebrating this occasion. Also included are reprints of two of Professor Yonezawa's most influential papers on the programming language ABCL. The volume is a testament strong and lasting impact Professor Yonezawa's research accomplishments as well as the inspiration he has been to colleagues and students alike.