

1. Record Nr.	UNISA996207292603316
Titolo	Coordination Models and Languages [[electronic resource]] : 17th IFIP WG 6.1 International Conference, COORDINATION 2015, Held as Part of the 10th International Federated Conference on Distributed Computing Techniques, DisCoTec 2015, Grenoble, France, June 2-4, 2015, Proceedings // edited by Tom Holvoet, Mirko Viroli
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-19282-5
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XIV, 247 p. 76 illus.)
Collana	Programming and Software Engineering ; ; 9037
Disciplina	005
Soggetti	Software engineering Computer logic Computer programming Programming languages (Electronic computers) Algorithms Software Engineering Logics and Meanings of Programs Programming Techniques Programming Languages, Compilers, Interpreters Algorithm Analysis and Problem Complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Replica-Based High-Performance Tuple Space Computing -- Investigating Fluid-Flow Semantics of Asynchronous Tuple-Based Process Languages for Collective Adaptive Systems -- Logic Fragments: A Coordination Model Based on Logic Inference -- Comingle: Distributed Logic Programming for Decentralized Mobile Ensembles -- Dynamic Choreographies: Safe Runtime Updates of Distributed Applications -- Type Reconstruction Algorithms for Deadlock-Free and Lock-Free Linear -Calculi -- A Fix point-Based Calculus for Graph- Shaped Computational Fields -- Take Command of Your Constraints! -- A Labelled Semantics for Soft Concurrent Constraint Programming

-- Parallelisation and Application of AD3 as a Method for Solving Large Scale Combinatorial Auctions -- Handling Agent Perception in Heterogeneous Distributed Systems: A Policy-Based Approach -- Blending Event-Based and Multi-Agent Systems Around Coordination Abstractions -- Klaim-DB: A Modeling Language for Distributed Database Applications -- Open Transactions on Shared Memory -- VISIRI - Distributed Complex Event Processing System for Handling Large Number of Queries.

Sommario/riassunto

This book constitutes the refereed proceedings of the 17th International Conference on Coordination Models and Languages, COORDINATION 2015, held as part of the 10th International Federated Conference on Distributed Computing Techniques, DisCoTec 2015, in Grenoble, France, in June 2015. The 14 full papers and one short paper presented were carefully reviewed and selected from 36 submissions. They are organized in topical sections on tuple-based coordination, coordinating ensembles, constraints, agent-oriented techniques and shared spaces.
