Record Nr. UNINA9910483120903321 Software composition: 9th international conference, SC 2010, Malaga, **Titolo** Spain, July 1-2, 2010. proceedings / / [edited by] Benoit Baudry, Eric Wohlstadter New York, : Springer, 2010 Pubbl/distr/stampa **ISBN** 1-280-38757-2 9786613565495 3-642-14046-7 Edizione [1st ed.] Descrizione fisica 1 online resource (VIII, 155 p. 56 illus.) LNCS sublibrary. SL 2, Programming and software engineering Collana Lecture notes in computer science., 0302-9743;; 6144 Altri autori (Persone) BaudryBenoit WohlstadterEric 005.1 Disciplina Soggetti Computer software - Development Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Model Composition -- Composing Models at Two Modeling Levels to Capture Heterogeneous Concerns in Requirements -- Managing Variability in Workflow with Feature Model Composition Operators --Context-Orientation and Domain-Specific Composition -- Composition and Compositionality in a Component Model for Autonomous Robots -- Event-Specific Software Composition in Context-Oriented Programming -- Predicated Generic Functions -- Composing Services -- Dynamically Adaptive Systems through Automated Model Evolution Using Service Compositions -- Visualizing and Assessing a Compositional Approach of Business Process Design -- Languages --Construction of Asynchronous Communicating Systems: Weak Termination Guaranteed! -- An Advice for Advice Composition in AspectJ -- The .NET Primitives for Open, Dynamic and Reflective Component Frameworks. Sommario/riassunto The goal of the International Conference on Software Composition is to advance the state of research on modularity and reuse in the context of software development based on components, services, features, or models. Software composition is becoming more and more important

as innovation in software engineering shifts from the development of individual components to their reuse and recombination in novel ways. To this end, for the 2010 edition, researchers were solicited to contribute on topics such as component adaptation techniques, composition languages, modeling, as well as emerging composition techniques such as aspect-oriented programming, servi- oriented architectures, and mashups. In line with previous editions of SC, contritions were sought focusing on both theory and practice, with a particular interest in efforts relating them. This LNCS volume contains the proceedings of the 9th International Conference on Software Composition, which was held during July 1–2, 2010, as a collocated event of the TOOLS 2010 Federated Conferences, in Malaga, Spain.