1.	Record Nr.	UNISA996465380703316
	Titolo	Software Composition [[electronic resource]] : 4th International Workshop, SC 2005, Edinburgh, UK, April 9, 2005, Revised Selected Papers / / edited by Thomas Gschwind, Uwe Assmann, Oscar Nierstrasz
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
	ISBN	3-540-28749-3
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (X, 202 p.)
	Collana	Programming and Software Engineering ; ; 3628
	Classificazione	54.52
	Disciplina	005.1
	Soggetti	Software engineering
		Computer programming
		Programming languages (Electronic computers)
		Computer logic
		Computer communication systems
		Software Engineering/Programming and Operating Systems
		Software Engineering
		Programming Techniques
		Programming Languages, Compilers, Interpreters
		Logics and Meanings of Programs
		Computer Communication Networks
	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	Dynamic Languages -- On the Revival of Dynamic Languages -- Component Composition -- Composition-Oriented Service Discovery -- Ad Hoc Composition of User Tasks in Pervasive Computing Environments -- Improving Composition Support with Lightweight Metadata-Based Extensions of Component Models -- Directory Support for Large-Scale, Automated Service Composition -- Component Controls and Protocols -- Analysis of Compositional Conflicts in Component-Based Systems -- A Lambda Calculus with Forms -- A Model of Components with Non-regular Protocols -- A Java Implementation of a Component Model with Explicit Symbolic Protocols -- Towards Distributed Contract Negotiation in Component-Based

Systems -- Component Adaptation and Configuration -- On Typesafe Aspect Implementations in C++ -- Flexible Binding for Reusable Composition of Web Services -- Stateful Aspects in JAsCo -- Invasive Configuration of Generic Components.

Sommario/riassunto	Component-based software development is the next step after object-oriented programming that promises to reduce complexity and improve reusability. These advantages have also been identified by the industry, and consequently, over the past years, a large number of component-based techniques and processes have been adopted in many of these organizations. A visible result of this is the number of component models that have been developed and standardized. These models define how individual software components interact with each other and simplify the design process of software systems by allowing developers to choose from previously existing components. The development of component models is a first step in the right direction, but there are many challenges that cannot be solved by the development of a new component model alone. Such challenges are the adaptation of components, and their development and verification. Software Composition is the premiere workshop to advance the research in component-based software engineering and its related fields. SC 2005 was the fourth workshop in this series. As in previous years, SC 2005 was organized as an event co-located with the ETAPS conference. This year's program consisted of a keynote on the revival of dynamic languages given by Prof. Oscar Nierstrasz and 13 technical paper presentations (9 full and 4 short papers). The technical papers were carefully selected from a total of 41 submitted papers. Each paper was thoroughly peer reviewed by at least three members of the program committee and consensus on acceptance was achieved by means of an electronic PC discussion. This LNCS volume contains the revised versions of the papers presented at SC 2005.

2.
Record Nr.	UNINA9910130839703321
Titolo	Proceedings / / ACM IEEE Design Automation Conference
Pubbl/distr/stampa	New York, NY, : Institute of Electrical and Electronics Engineers, - ©1992
Descrizione fisica	1 online resource
Disciplina	620/.00425/0285
Soggetti	Engineering design - Data processing
	Computer-aided design
	Conception technique - Informatique
	Conception assistée par ordinateur
	Congresses.
	Conference papers and proceedings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico