

1. Record Nr.	UNINA9910143601503321
Titolo	Advanced Information Systems Engineering : 13th International Conference, CAiSE 2001, Interlaken, Switzerland, June 4-8, 2001. Proceedings // edited by Klaus R. Dittrich, Andreas Geppert, Moira C. Norrie
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001
ISBN	3-540-45341-5
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (XII, 484 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2068
Disciplina	005.1/028
Soggetti	Computers Database management Application software Information storage and retrieval Software engineering Management information systems Computer science Theory of Computation Database Management Information Systems Applications (incl. Internet) Information Storage and Retrieval Software Engineering Management of Computing and Information Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Project Oxygen: Pervasive, Human-Centric Computing – An Initial Experience -- Database Systems Architecture: A Study in Factor-Driven Software System Design -- Evolution not Revolution: The Data Warehousing Strategy at Credit Suisse Financial Services -- A Comparison and Evaluation of Data Requirement Specification Techniques in SSADM and the Unified Process -- From User Requirements to User Interfaces: A Methodological Approach -- The

ADORA Approach to Object-Oriented Modeling of Software --
Techniques for Reactive System Design: The Tools in TRADE -- A
Requirements-Driven Development Methodology -- Constructing
Libraries of Typical Plans -- The P2P Approach to Interorganizational
Workflows -- Relaxed Soundness of Business Processes -- Developing
E-Services for Composing E-Services -- Data Models with Multiple
Temporal Dimensions: Completing the Picture -- Querying Data-
Intensive Programs for Data Design -- Consistency Management of
Financial XML Documents -- The Relationship Between Organisational
Culture and the Deployment of Systems Development Methodologies --
Increasing Reusability in Information Systems Development by Applying
Generic Methods -- An Assembly Process Model for Method
Engineering -- Process Reuse Architecture -- Using a Metadata
Software Layer in Information Systems Integration -- Distributed
Information Search with Adaptive Meta-Search Engines -- A Semantic
Approach to Integrating XML and Structured Data Sources -- XML-
Based Integration of GIS and Heterogeneous Tourism Information --
Objects Control for Software Configuration Management --
Coordination Technologies for Managing Information System Evolution
-- Using Metrics to Predict OO Information Systems Maintainability --
A Rigorous Metamodel for UML Static Conceptual Modelling of
Information Systems -- Taxonomies and Derivation Rules in
Conceptual Modeling -- Using UML Action Semantics for Executable
Modeling and Beyond -- Design and Implementation of a UML-Based
Design Repository -- Why Enterprise Modelling? An Explorative Study
into Current Practice -- A Glimpse into CM3: Problem Management --
A Method Engineering Language for the Description of Systems
Development Methods -- Flexible Support of Work Processes --
Balancing the Support of Organisations and Workers.

Sommario/riassunto

Since the late 1980s, the CAiSE conferences have provided a forum for the presentation and exchange of research results and practical experiences within the field of Information Systems Engineering. CAiSE 2001 was the 13th conference in this series and was held from 4th to 8th June 2001 in the resort of Interlaken located near the three famous Swiss mountains – the Eiger, Mönch, and Jungfrau. The first two days consisted of pre-conference workshops and tutorials. The workshop themes included requirements engineering, evaluation of modeling methods, data integration over the Web, agent-oriented information systems, and the design and management of data warehouses. Continuing the tradition of recent CAiSE conferences, there was also a doctoral consortium. The pre-conference tutorials were on the themes of e-business models and XML application development. The main conference program included three invited speakers, two tutorials, and a panel discussion in addition to presentations of the papers in these proceedings. We also included a special ‘practice and experience’ session to give presenters an opportunity to report on and discuss experiences and investigations on the use of methods and technologies in practice. We extend our thanks to the members of the program committee and all other referees without whom such conferences would not be possible. The program committee, whose members came from 20 different countries, selected 27 high-quality research papers and 3 experience reports from a total of 97 submissions. The topics of these papers span the wide-range of topics relevant to information systems engineering – from requirements and design through to implementation and operation of complex and dynamic systems.
