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Disciplina	005.1
Soggetti	Computers Application software Theory of Computation Models and Principles Information Systems Applications (incl. Internet)
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Nota di contenuto	The information industry scenario in year 2000, trends and change of focus, for the it professional and for the end-user -- Representation and utilization of non-functional requirements for information system design -- Alecsi : An expert system for requirements engineering -- Reusing requirements through a modeling and composition support tool -- The KIWIS knowledge base management system -- A functional method of data processing based on relational algebra -- Dealing with granularity of time in temporal databases -- Information as a strategic resource: A question of communication -- MetaEdit— A flexible graphical environment for methodology modelling -- PPP an integrated CASE environment -- Spade — Towards case tools that can guide design -- DBE: An expert tool for database design -- EcinsDesign: A graphical editor for semantic structures -- A case study using the IMSE experimentation tool -- A rule language to capture and model business policy specifications -- Information systems development using a combination of process and rule based approaches -- Towards automating software maintenance -- Software process planning and

execution: Coupling vs. integration -- Cooperating transactions and workspaces in EPOS: Design and preliminary implementation -- Implementation and critique of an algorithm which maps a relational database to a conceptual model -- Attribute abstraction -- The essential system model -- Federated case environment -- An organizational information systems enhancement advice unit (oiseau) -- Structuring modelling knowledge for CASE shells -- An object-oriented approach to model management -- Representing a system specification with a temporal dimension in an object-oriented language -- The OO-binary relationship model : A truly object oriented conceptual model -- Organisation's IT needs in the next decade — The swedish vision.

Sommario/riassunto

CAiSE '91, held at the Norwegian Institute of Technology in May 1991, is the third in a series of conferences on advanced information systems engineering. The call for papers for CAiSE '91 was given a wide international distribution. The programme committee was chosen from very well reputed researchers in the international information systems engineering community, as well as key professionals in European industrial and consultant companies. The number and quality of papers submitted was very satisfactory, and 29 papers were selected for publication in this volume.
