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	Nota di contenuto	Second International Workshop on Evolution and Change in Data Management (ECDM 2002) -- Change Management for a Temporal Versioned Object-Oriented Database -- Towards Temporal Information in Workflow Systems -- Preserving and Querying Histories of XML-Published Relational Databases -- A Lightweight XML Constraint Check and Update Framework -- Change Discovery in Ontology-Based Knowledge Management Systems -- An Architecture for Managing Database Evolution -- Reifying Design Patterns to Facilitate Systems

Evolution -- Managing Configuration with Evolving Constraints in Design Databases -- Intentions of Operations – Characterization and Preservation -- An Active Approach to Model Management for Evolving Information Systems -- ER/IFIP8.1 Workshop on Conceptual Modelling Approaches to Mobile Information Systems Development (MobIMod 2002) -- Mobile Information Systems – Research Challenges on the Conceptual and Logical Level -- A Cooperation Model for Personalised and Situation Dependent Services in Mobile Networks -- Sequence Diagrams for Mobility -- A Pattern-Based Approach to Mobile Information Systems Conceptual Architecture -- Support of Integrated Wireless Web Access through Media Types -- Domain-Specific Modelling for Cross-Platform Product Families -- Dynamic Database Generation for Mobile Applications -- m-WOnDA: The "Write Once 'n' Deliver Anywhere" Model for Mobile Users -- Basic User Requirements for Mobile Work Support Systems – Three Easy Steps -- Accounting and Billing of Wireless Internet Services in the Third Generation Networks -- Research in Quality of Conceptual Models -- Theoretical and Practical Issues in Evaluating the Quality of Conceptual Models -- Quality in Conceptual Modeling – New Research Directions -- Evaluation Framework of Requirements Engineering Tools for Verification and Validation -- Hierarchical ER Diagrams (HERD) – The Method and Experimental Evaluation -- Detection of Redundant Arcs in Entity Relationship Conceptual Models -- Assessing Object-Oriented Conceptual Models Maintainability -- Validation of UML Classes through Animation -- Building Quality into Learning Management Systems – An Architecture-Centric Approach -- Towards the Quality Evaluation of Functional Aspects of Operative Web Applications -- A Model and an XSL Framework for Analysing the Quality of WebML Conceptual Schemas -- Quality of Interactive Models -- Third International Joint Workshop on Conceptual Modeling Approaches for E- business: A Web Service Perspective (eCOMO 2002) -- Process Models and Business Models – A Unified Framework -- Behavior-Consistent Composition of Business Processes from Internal and External Services -- Process-Oriented, Flexible Composition of Web Services with UML -- Extracting Data behind Web Forms -- Managing Unstructured E-Commerce Information -- Modelling Web-Based Banking Systems: Story Boarding and User Profiling -- Communication: Key to Success on the Web.

Sommario/riassunto	The objective of the workshops held in conjunction with ER 2002, the 21st International Conference on Conceptual Modeling, was to give participants the opportunitytopresentanddiscussemerginghottopics, thusaddingnewpersp- tives to conceptual modeling. To meet this objective, we selected the following four workshops: – 2nd InternationalWorkshop on Evolution and Changein Data Management (ECDM 2002) – ER/IFIP8. 1 Workshop on Conceptual Modelling Approaches to Mobile - formation Systems Development (MobIMod 2002) – International Workshop on Conceptual Modeling Quality (IWCMQ 2002) – 3rd International Joint Workshop on Conceptual Modeling Approaches for E-business: a Web Service Perspective (eCOMO 2002) ER 2002 was organized so that there would be no overlap between the c- ference sessions and the workshops. This proceedings contains workshop papers that wererevisedby the authors following discussions during the conference. We are deeply indebted to the members of the organizing committees and program committees of these workshops for their hard work. July 2003 Antoni Oliv´ e, Masatoshi Yoshikawa, and Eric S. K. Yu Workshop Co-chairs ER 2002 ECDM 2002 Change is a fundamental but sometimes neglected aspect of information and database systems. The management of evolution

and change and the ability of database, information and knowledge-based systems to deal with change is an essential component in developing and maintaining truly useful systems. Many approachestohandlingevolutionandchangehavebeenproposedinvariousareas of data management, and this forum seeks to bring together researchers and practitioners from both more established areas and from emerging areas to look at this issue.