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Nota di contenuto	Workshop on Intelligent Networked and Mobile Systems Track1: Ontologies for Networked Systems (ONS) -- A Framework for Semantic Grid Service Discovery -- Toward a Formal Common Information Model Ontology -- On Using Conceptual Modeling for Ontologies -- MetaData Pro: Ontology-Based Metadata Processing for Web Resources -- Service-Oriented Semantic Peer-to-Peer Systems -- Towards Cross-

Domain Security Properties Supported by Ontologies -- Short Papers -- Open Knowledge Exchange for Workforce Development -- ShanghaiGrid Portal: The Current Stage of Building Information Grid Portal -- Track2: Advances in Mobile Learning (AML) -- Learning Communities Support by Mobile Systems Based on Peer-to-Peer Networks -- A Context-Adaptive Model for Mobile Learning Applications -- MobiLearn: An Open Approach for Structuring Content for Mobile Learning Environments -- Smart Virtual Counterparts for Learning Communities -- Design and Implementation of Mobile Class Web Site for Promoting Communication -- A Personal Knowledge Assistant for Knowledge Storing, Integrating, and Querying -- Short Papers -- Facilitating Collaborative Learning in Virtual (and Sometimes Mobile) Environments -- A Fundamental Web-Board System Toward the Adaptive Mobile School Web Site -- Mobile Computer-Assisted Language Learning Courseware for Korean Language Learners -- Workshop on Web Information Systems Track1: Fragmentation Versus Integration – Perspective of the Web Information System Discipline (FIPWIS) -- The Co-design Approach to WIS Development in E-business and E-learning Applications -- Using KCPM for Defining and Integrating Domain Ontologies -- Mobile Content Adaptation as an Optimisation Problem -- Applying Database Semantics to the WWW -- X-Square: A Hybrid Three-Dimensional Bitmap Indexing for XML Document Retrieval -- An Economy-Based Accounting System for Grid Computing Environments -- Track2: Web Services Quality (WQW) -- QoS-Based Message-Oriented Middleware for Web Services -- Incorporating QoS Specifications in Service Discovery -- QoS Based Pricing for Web Services.

Sommario/riassunto

The study reported in this paper is an ongoing effort. We reported a preliminary analysis of the data in the paper. The current experiments varied the subjects to conduct online group learning activities by the communication media such as email and threaded discussion. Although, we could have easily learned the impact of mobile devices in learning if we divided the subjects to use different hardware such as personal computers, personal digital assistant, or mobile phones, we believe our findings will still be able to provide useful insights on the difficulties that the mobile learners will face in solving problems as a group. Our analysis result will also provide baseline information on whether the traits of the successful or failed online groups are applicable to the mobile learners. For example, we expect the SMS will be a better medium to overcome the major problem of instant communication or the rapid propagation of the information as the mobile phones have built-in mechanism to remind the users of the incoming new messages and also the mobile phone users are expected to be interrupted for the incoming messages. However, we need further investigation of other problems, which hinder the optimum online group work. For example, 'accuracy of the transferred information' was identified as one of the problems of using emails as the communication medium. Personal Digital Assistant (PDA) or SMS are more apt to deliver shorter messages than the typical emails.
