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	Altri autori (Persone)	LauRynson W. H
	Disciplina	005.7
	Soggetti	Application software
		Information storage and retrieval systems
		Artificial intelligence
		User interfaces (Computer systems)
		Human-computer interaction
		Multimedia systems
		Education - Data processing
		Computer and Information Systems Applications
		Information Storage and Retrieval
		Artificial Intelligence
		User Interfaces and Human Computer Interaction
		Multimedia Information Systems
		Computers and Education
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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	e-Learning Platforms and Tools -- A Core Model Supporting Location-Aware Computing in Smart Classroom -- Student Adoption Towards Web-Based Learning Platform -- ALIAS: An Automated Lab Information Administration System -- An Online Template-Based Authoring System for E-Learning -- Design and Implementation of a J2EE-Based Platform for Network Teaching -- A Web-Based Classroom Environment for Enhanced Residential College Education -- Adaptive Internet Interactive

Team Video -- A Prototype of the Web-Based Marine Training Environment -- P2P Video Synchronization in a Collaborative Virtual Environment -- Virtual Experiment Services -- Learning Resource Deployment, Organization and Management -- Designing a Learning Objects Repository -The Views of Higher Education Faculty -- A Novel Resource Recommendation System Based on Connecting to Similar E-Learners -- MECCA-Learn: A Community Based Collaborative Course Management System for Media-Rich Curricula in the Film Studies -- Building Learning Management Systems Using IMS Standards: Architecture of a Manifest Driven Approach -- Constructing a SCORM-Compliant Intelligent Strategy Repository -- Effortless Construction and Management of Program Animations on the Web -- Practice and Experience Sharing -- Student Centered Knowledge Level Analysis for eLearning for SQL -- Web-Based Chinese Calligraphy Retrieval and Learning System -- Computer-Assisted Item Generation for Listening Cloze Tests and Dictation Practice in English -- The Gong System: Web-Based Learning for Multiple Languages, with Special Support for the Yale Representation of Cantonese -- A Novel Multi-agent Community Building Scheme Based on Collaboration Filtering -- Semantic Caching for Web Based Learning Systems -- An Approach to Acquire Semantic Relationships Between Words from Web Document -- Grounding Collaborative Knowledge Building in Semantics-Based Critiquing -- Real-Time Adaptive Human Motions for Web-Based Training -- Experiences in Using an Automated System for Improving Students' Learning of Computer Programming -- Automatic Leveling System for E-Learning Examination Pool Using Entropy-Based Decision Tree -- A Web-Based Environment to Improve Teaching and Learning of Computer Programming in Distance Education -- The Design and Implementation of Digital Signal Processing Virtual Lab Based on Components -- A Design for Generating Personalised Feedback in Knowledge Construction -- Refining the Results of Automatic e-Textbook Construction by Clustering -- ANTS: Agent-Based Navigational Training System -- An Educational Virtual Environment for Studying Physics Concept in High Schools -- Mobile e-Learning -- Mobile learning with Cellphones and PocketPCs -- A Novel Mobile Learning Assistant System -- Context-Sensitive Content Representation for Mobile Learning -- Pedagogical Issues -- Managing Student Expectations Online -- Collaborative Virtual Learning Environment Using Synthetic Characters -- Devising a Typology of LOs Based on Pedagogical Assumptions -- Using Web Based Answer Hunting System to Promote Collaborative Learning -- The Impact of E-Learning on the Use of Campus Instructional Space -- The Research of Mining Association Rules Between Personality and Behavior of Learner Under Web-Based Learning Environment.

| Sommario/riassunto | With the rapid development of Web-based learning, a new set of learning - vironments including virtual classrooms, virtual laboratories and virtual u- versities are being developed. These new learning environments, however, also introduce new problems that need to be addressed. On the technical side, there is a need for the deployment of e?ective technologies on Web-based education. On the learning side, the cyber mode of learning is very di?erent from tra- tional classroom-based learning. On the management side, the establishment of a cyber university imposes very di?erent requirements for the set up. ICWL 2005, the 4th International Conference on Web-Based Learning, was held in Hong Kong, China from July 31 to August 3, 2005, as a continued - tempttoaddressmanyoftheabove-mentionedissues. Followingthegreatsuccess of ICWL 2002 (Hong Kong, China), ICWL 2003 (Australia), and ICWL 2004 (China), ICWL 2005 aimed at presenting |

progresson the technical, pedagogical, as well as management issues of Web-based learning. The conference featured a comprehensive program, including a number of tutorials, two keynote talks, a main track containing regular as well as short paper presentations, and an application track. We received a total of 99 submissions from all over the world. The Program Committee selected 33 papers as regular papers for presentation in the main track, an acceptance rate of about 33%. Due to the high-quality submissions, the Committee decided to further accept 9 papers as short papers for presentation.