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Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 11841
Disciplina	374.26 371.33
Soggetti	Education - Data processing Computer networks Artificial intelligence Social sciences - Data processing Computers, Special purpose Computers and Education Computer Communication Networks Artificial Intelligence Computer Application in Social and Behavioral Sciences Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Semantic Web for E-Learning -- Timing the Adaptive Learning Process with Events Ontology -- Ontology-based Modelling for Cyber Security E-Learning and Training -- Retrieval of educational resources from the Web: a comparison between Google and online educational repositories -- Designing a User-Friendly Educational Game for Older Adults -- Learning Analytics -- Be Constructive: Learning Computational Thinking Using ScratchTM Online Community -- What can Interaction Sequences Tell us about Collaboration Quality in Small Learning Groups -- An architecture and data model to process multimodal evidence of

learning -- Cheating Detection Method Based on Improved Cognitive Diagnosis Model -- Measuring Students' Stress with Mood Sensors: First Findings -- Measuring Similarity to Observe Learners' Syntactic Awareness in Web-Based Writing Environments -- Cross-Cultural Reflections of Tertiary Students on ICT-Supported Innovations -- Computer Supported Collaborative Learning -- The characteristics of tutorblogging predicting student reflection in blogs -- A Collaborative Learning Grouping Strategy with Early Warning Function Based on Complementarity Degree -- Does group size affect students' inquiry and collaboration in using computer-based asymmetric collaborative simulations -- Towards the design and deployment of an item bank: An analysis of the requirements elicited -- Assessment and Pedagogical Issues -- Self-Regulatory Strategies of Students Enrolled in a Distance and Online Education Program in University -- Visualising and Re-using Innovative Pedagogical Scenarios -- Automated Grading Of Short Text Answers: Preliminary Results In A Course Of Health Informatics -- E-learning Platforms and Tools -- Audience Response Systems Reimagined -- ULearn: Personalized Medical Learning on the Web for Patient Empowerment -- Visualizing Search History in Web Learning -- Promoting Inclusion in Vocational Education and Training programs using Open Educational Resources -- SALMON: Sharing, Annotating and Linking Learning Materials Online -- WEBLORS - a Personalized Web-Based Recommender System -- Automatic Topic Labeling for Facilitating Interpretability of Online Learning Materials -- Forward-Looking Activities Supporting Technological Planning of AI-Based Learning Platforms -- Mobile Learning -- Analyzing Integrated Learning Scenarios for Outdoor Settings -- Possibilities of Blended Learning to Develop Orientation and Navigation Skills of Tourism Management Students -- Juniorstudium - Study Digital while Going to School -- An Overview of Learning Design and Analytics in Mobile and Ubiquitous Learning -- Poster papers -- Evaluating Image Training Systems for Medical Students -- Domain-Specific Extensions for an E-Assessment System -- Designing a Mobile-Assisted English Reading Class for College Students -- Design of MicroLearning course of dynamic web pages' basics in LMS with interactive code testing units -- Design considerations for a mobile sensor-based learning companion -- Exploring the Fully Online Learning Community Model: Comparing Digital Technology Competence and Observed Performance on PBL Tasks -- On the Development of a Model to Prevent Failures, built from Interactions with Moodle.

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#### Sommario/riassunto

This book constitutes the proceedings of the 18th International Conference on Advances in Web-Based Learning, ICWL 2019, held in Magdeburg, Germany, in September 2019. The 15 full, 15 short, and 7 poster papers presented in this volume were carefully reviewed and selected from 68 submissions. The contributions were organized in topical sections named: Semantic Web for E-Learning, Learning Analytics, Computer Supported Collaborative Learning, Assessment and Pedagogical Issues, E-learning Platforms and Tools, Mobile Learning, and Poster Papers. The chapter "Does Group Size Affect Students' Inquiry and Collaboration in Using Computer-Based Asymmetric Collaborative Simulations?" is available open access under a Creative Commons Attribution 4.0 International License via [link.springer.com](http://link.springer.com).

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