

AELM: "Workshop on Adaptive E-Learning and Metadata"

Personalized e-learning and adaptive learning environments extend e-learning technology to individual learners and learner groups, allow re-use of learning materials in different contexts, and provide individual learning experiences in an e-learning context. The creation of effective and efficient learning environments that on the one hand maximize the learning success of students by tailoring the learning process to the individual learner's needs, goals or knowledge, and on the other hand provide flexible and easy-to-maintain platforms for course designers / teachers to compile a course (authoring, reuse, etc) is a key issue for future, personalized learning.

The intention of this workshop on "adaptive e-learning and metadata" is to bring together researchers from various communities like information systems, knowledge representation, information retrieval, e-learning, personalization and education to discuss and envision solutions for future e-learning. Papers presented at this workshop provide insights to various topics. "Situated Models and Metadata for Learning Management from an Organisational and Personal Perspective" investigates the employment of educational metadata especially for situated learning approaches. How culture influences the design of learning programs and web tutorials is evaluated by "Kulturbedingte Aspekte als Ausgangspunkt der Entwicklung adaptiver Lernumgebungen". Individualized workplace learning is the focus of "Corporate Intranets as Adaptive Learning Environments". The role of personalized learning content for the design of e-learning Systems as well as usage scenarios are developed in "First Steps towards Personalization Concepts in eLearning". "Practical Strategy for the Modularization of Courseware develops a formal model for courseware modularization and guidelines for authors of e-learning systems. The role of adaptivity in different e-learning environments is described in "L4 - A Sophisticated Adaptive E-Learning Laboratory".

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N. Henze, W. Nejdl, M. Wolpers