

Preface

Standards play a vital role in the advancement of innovation and technology. Uptake of learning and performance technology standards is increasing even if the current standards are just starting to have their initial impact on institutions and on individual teaching faculty. Learning and performance technology standards are usually developed to be used in the processes of learning and human resource system design and implementation. They aim to ensure mainly interoperability, portability and reusability. Recently, open standards play essential role in today's growth of e-learning application in school, higher education society, and industry.

By providing a clear interface between the components involved in the e-learning systems, learning and performance technology standards allow independent and rapid improvement of these components leading to competition in industry as well as collaboration between various stakeholders. This embedded mechanism is a source of innovation in this promising area.

In order to illustrate the development and adoption of recent learning and performance technology standards, this workshop offers an opportunity to researchers, system designers and implementers to share experience, to further develop ideas and to show achievements in this prospective standardization area. Against this background, it enlightens cutting edge activities to design, implement, and apply learning and performance technology standards such as research and development towards standards, implementation based on standards, adoption of standards, or standards-based collaboration between e-learning and neighboring areas such as e-Books, games, digital libraries, knowledge management, human resource development, etc. This chapter includes seven regular papers that deal with various interdisciplinary topics, which will affect future practice concerning learning and performance technology interoperability.

By bringing together various stakeholders, the Workshop on Strategic Approach for E-Learning Standards: Design, Implementation and Application will allow for merging different cultural and technical views of standardization of systems and service paradigms. We expect this workshop to lead a series of workshops and establish worldwide a stable international collaboration on learning and performance technology standards development and adoption.

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