Editorial

Education has evolved over the last years incorporating new technologies to fulfill users' needs. New educational environments use modern artificial intelligence (AI) techniques to provide features that enhance learning experience. AI techniques can be applied in learning environments to support human learning, including several aspects of the educational process like affect recognition, student modeling, game-based learning, etc.

The growing usage of computers in education offers an excellent opportunity for exploring new ways of applying AI techniques to education. It also delivers huge amounts of information in need of intelligent management, and poses big challenges to the field on topics such as web-based intelligent tutoring systems, intelligent learning management systems, authoring tools, Student modeling, Applications of cognitive science, etc.

In this volume we present seven research works in some of the most interesting fields of intelligent learning systems.

The papers were carefully chosen by the editorial board on the basis of three reviews by the members of the reviewing committee. The reviewers took into account the originality, scientific contribution to the field, soundness and technical quality of the papers.

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