

Editorial

Computers have been used in the Education field since several decades ago, where many studies have demonstrated computers using Artificial Intelligence techniques can be very helpful in supporting human learning, transforming information into knowledge, using it for tailoring many aspects of the educational process to the particular needs of each actor, and timely providing useful suggestions and recommendations.

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 affective and intelligent tutoring systems, intelligent learning management systems, authoring tools, Student modeling, Applications of cognitive science, etc.

In this volume we present six 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.

We appreciate the work done by members of Mexican Society for Artificial Intelligence (Sociedad Mexicana de Inteligencia Artificial), Instituto Tecnológico de Tuxtla Gutierrez (Chiapas, Mexico), and Universidad Autónoma de Chiapas for their support during preparation of this volume.

María Lucía Barrón Estrada
Ramón Zatarain Cabada
María Yasmín Hernández Pérez
November 2014