

"Interactive Modeling and Computable Documents in Education"

A Special Session in the Frame of CADGME 2012.

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Currently, the dynamic functionality is definitely assumed in DGS and commonly used in CAS systems as well. Moreover, special document formats - such as Computable Document Format by Wolfram Research - make the possibility of free use of such applications by player software, even inside web browsers via plugins. It means a new generation of electronic teaching materials, i.e., *interactive textbooks*, in which interactive demonstrations, experiments can be embedded (not only linked!) in textbooks.

To develop such "books" is not simple. Development includes all the didactic and professional concerns of computer-aided teaching, e.g. multimedia design, professional correctness, and didactic preparation, etc. In this session, talks and discussions are welcome in this field, including either the technical or didactic questions of development as well as application in different fields.

Submission of papers to the Session on " Interactive Modeling and Computable Documents in Education" should proceed via the ordinary submission procedure of CADGME by marking "Session IMCD".