



Supporting Learning through Intelligent and
Socially Informed Technology

<http://hcs.science.uva.nl/AIED2005/>

Tutorial at AIED 2005 – T2: Education and the Semantic Web

Abstract

The goals of this tutorial are to present important theoretical and practical advances of the Semantic Web technology and to show its effects on education and educational applications. More specifically, important objectives of the tutorial are to explain the benefits the Semantic Web brings to Web-based education, and to survey current efforts in the AIED community related to applying Semantic Web technology in education. Some of the topics to be covered during the tutorial include: ontologies, Semantic Web languages, services and tools, educational servers, architectural aspects of the Semantic Web AIED applications, learner modeling and The Semantic Web, instructional design and The Semantic Web, and semantic annotation of learning objects.

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