Supporting Learning through Intelligent and
Socially Informed Technology

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

Tutorial at AIED 2005 – T1

Evaluation methods for learning environments

Abstract

This tutorial explores the issue of evaluation in AIED. The importance of evaluating AIED systems is increasingly recognised. Yet, there is no single right way to evaluate a complex learning environment. This tutorial will emphasise how to develop a practical toolkit of evaluation methodologies by examining classic case studies of evaluations, show how techniques from other areas can be applied in AIED and examine common mistakes. Key issues include the goals of evaluation (e.g. usability, learning outcomes, learning efficiency, informing theory); choosing methods for data capture and analysis; appropriate designs; hat is an appropriate form of comparison? And the costs and benefits of evaluating 'in the wild'.

Audience

This is an introductory tutorial intended for researchers with a variety of backgrounds.

Presentation

Slides interspersed with demonstrations and discussions. Working in groups participants will design their own evaluation plans for a system during the course of the session.

Presenter

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