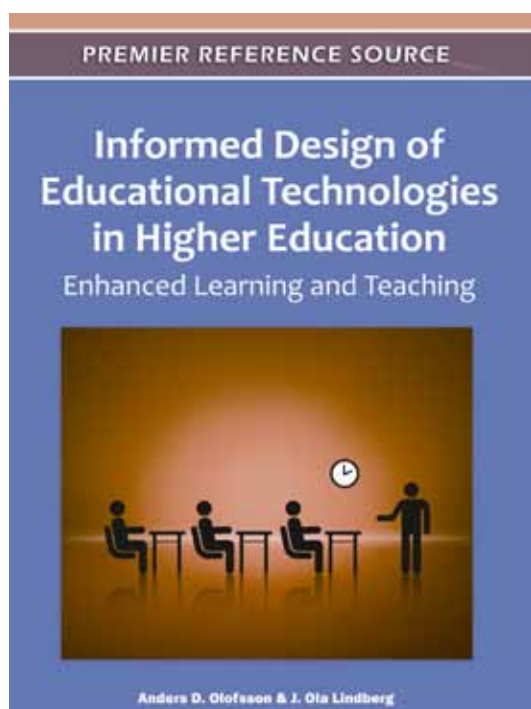


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## Informed Design of Educational Technologies in Higher Education: Enhanced Learning and Teaching



Anders D. Olofsson (Umeå University, Sweden)  
and J. Ola Lindberg (Mid Sweden University, Sweden)

During the last decade, the Internet has driven some of the most significant changes in higher education. Since information and communication technologies (ICTs) impact how we educate, teach, and learn, researchers, teachers, and other stakeholders in higher education must be prepared to meet students with uses of educational technology that are designed with reflection and research.

**Informed Design of Educational Technologies in Higher Education: Enhanced Learning and Teaching** presents recent and important theoretical and practical advances in educational technology design in higher education, examining their possibilities for enhancing teaching and learning. This volume includes discussions of technologies and applications grounded in legitimate learning theories and from an ethical perspective that emphasizes mutual understanding.

### Topics Covered:

- 3D Virtual Worlds in Higher Education
- Activity-Driven Design Method for Online Learning
- Computer-Assisted Healthcare Simulations
- Concepts in Curriculum and Educational Technology Design
- Ecological Approach to Instructional Design
- High Performance Learning Spaces
- Informed Design of Education Activities
- Instructional Design for Technology-Based Systems
- Instructional Simulation
- Learning Ecosystems for Mobile Social Media

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**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

**Anders D. Olofsson** is an Associate Professor, PhD, working at the Department of Education, Umeå University, Sweden. From a philosophical hermeneutical approach his research is aimed at understanding the meaning of social processes of teaching, learning and ethics in higher education contexts being embraced by educational technology. Over the years Dr. Olofsson has developed a deep research interest in the field of informed design of educational technology practices. He is the scientific leader for a research group titled LICT (Learning & ICT). In addition he is a teacher and researcher involved in several development- and research projects focused on educational technology in medical education. He has contributed with numerous book-chapters, journal articles and papers to conference proceedings on these specific topics. For example has Dr. Olofsson, together with Dr. J. Ola Lindberg, co-edited the book *Online Learning Communities and Teacher Professional Development: Methods for Improved Educational Delivery*. A list of publications may be found at <http://www.pedag.umu.se/om-institutionen/personal/olofsson-d-anders>

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