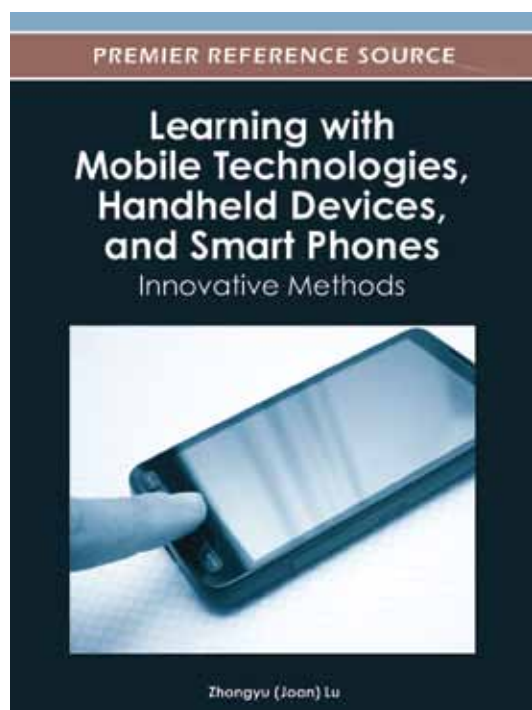


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Learning with Mobile Technologies, Handheld Devices, and Smart Phones: Innovative Methods

Zhongyu (Joan) Lu (University of Huddersfield, UK)



Mobile Learning is a new trend in pedagogical communities. It matches the speed of fast moving methodologies in pedagogical world. The theories of activity-based learning, problem-based learning, work-based learning, and opinion-based learning, learner-centered learning, and so forth, can be integrated with these tiny handheld devices. Students and teachers communicate effectively and efficiently with these simple clicks to obtain the formative/informative and summative feedbacks. The learning outcomes for both ability and knowledge can be smartly measured and observed through the latest ICT technologies.

Learning with Mobile Technologies, Handheld Devices and Smart Phones: Innovative Methods presents a collection of innovative research which focuses on learning in the digital world with advanced mobile technologies. This reference will aim to bring researchers, professors, and lectures and industrial training associations together to introduce a new era of teaching and learning societies.

Topics Covered:

- (Comparative) Language learning
- Activity based learning
- Educational methodologies:
- Innovative learning
- Motivation and mastering process
- Problem based learning
- Student centered Learning
- Vocational education and training

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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.

Zhongyu (Joan) Lu is Professor in the Department of Informatics at the University of Huddersfield (UK). Her extensive research covers information access, retrieval and visualization, XML technology, object oriented technologies, agent technology, data management system, security issues and Internet computing. Specifically for these areas, she has been an invited speaker for industrial-oriented events and published two books and more than 140 papers. Professor Lu has acted as the founder and a program chair for the International XML Technology workshop and XMLTech (USA) for 11 years (2003-2011). She also serves as 5 international conference chairs, is a regular paper reviewer for international journals and a committee member for fourteen international conferences in her subject area. Professor Lu is involved in both internal and external research projects. The EU projects she involves are Edumecca, DO-IT and DONE-IT, collaborating with partners from 5 EU countries. She is specializing in XML technology and mobile computing with image retrieval through the latest wireless devices. Professor Lu serves as a member of the British Computer Society (BCS), BCS examiner of Advanced Database Management Systems and fellow of the Higher Education Academy (UK).



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