

# Work-based mobile learning: concepts and cases. A handbook for evidence-based practice



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## Keywords



work-based learning, mobile learning, mobile devices, work-based mobile learning

## Description





This book focuses on how mobile devices can be used to support work-based learning. Against the background of an increasingly mobile workforce, technological innovations and a changing corporate learning landscape the book explores theoretical frameworks and concepts and presents a range of studies in the field of work-based learning from around the world. The aim is to provide innovative approaches of how mobile devices can be used to encourage work-based learning. Mobile learning is a rapidly expanding field. Its growing importance is reflected, for example, in the rising number of conferences and journals. Mobile phones were identified in the Horizon Report (2009) as the technologies with the highest likelihood of entry into the mainstream of learning-focused institutions within the next year. Issues surrounding mobile learning in work-based contexts have only been marginally covered to date despite the potentially huge impact of mobile technologies on supporting work-based learning activities. Against the background of an increasingly mobile workforce,

technological innovations and a changing corporate learning landscape, the central question of this book is how mobile devices can be used to support work-based learning. It builds on mobile learning as well as work-based learning-related work of the WLE Centre carried out inter alia under the auspices of the London Mobile Learning Group ([www.londonmobilelearning.net](http://www.londonmobilelearning.net)) such as

Pachler, N., Bachmair, B. and Cook, J. (2010) *Mobile learning: structures, agency, practices*. New York: Springer

Vavoula, G., Pachler, N. and Kukulska-Hulme, A. (eds) (2009) *Researching mobile learning: frameworks, tools and research designs*. Oxford: Peter Lang

Pachler, N. (ed) (2007) *Mobile learning: towards a research agenda*. WLE Centre Occasional Paper 1. Available at: [www.wlecentre.ac.uk/cms/files/occasionalpapers/mobilelearning\\_pachler\\_2007.pdf](http://www.wlecentre.ac.uk/cms/files/occasionalpapers/mobilelearning_pachler_2007.pdf)

The central question of this book is how mobile devices can be used to support learning and competence development in work contexts. The book is targeted at both practitioners – trainers or managers in charge of in company training – and researchers, who are interested in designing, implementing or evaluating work-based mobile learning. It is the first title that is explicitly dedicated to the new and emerging field of

work-based mobile learning, the contributions represent a starting point to build on, and to further develop and refine the empirical, conceptual and theoretical repertoire for this field.

## Book content

The book is divided into various sections, each featuring a number of chapters:

### Introduction

1. Introduction and overview (Norbert Pachler, Christoph Pimmer, Judith Seipold)
2. Work-based learning: setting the scene (Karen Evans)

### Section 1: Assessment and identity formation: collecting, sharing and reflecting

3. Mobile technology and assessment: a case study from the ALPS programme (Ceridwen Coulby, Nancy Davies, Julie Laxton, Stuart Boomer)
4. The WoLF project: work-based learners in Further Education (Lucy Stone)



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5. Becoming a baker: using mobile phones to compile e-portfolios (Selena Chan)



6. The affordances of mobile learning that can engage disenfranchised learner identities in formal education (Ruth Wallace)



*Section 2: Learning and work processes: providing information on demand*



7. Mobile learning in the process of work: participation, knowledge and experience for professional development (Claudia de Witt, Sonja Ganguin, Maciej Kuszpa, Sandro Mengel)



8. Mobile learning in vocational settings: lessons from the E-Ten BLOOM project (Geoff Stead, Martin Good)

9. From know-how to knowledge: exploring Web 2.0 concepts for sharing hands-on service expertise (Liza Wohlfart, Simone Martinetz, Alexander Schletz)

*Section 3: Mobile simulations and laboratories: preparing learners for work*

10. Online laboratories in interactive mobile learning environments (Michael E. Auer, Arthur Edwards, Danilo Garbi Zutin)

11. Work-based simulations using text messaging and the role of the virtual context (Sarah Cornelius, Phil Marston)

*Section 4: Ethical issues relevant for (researching) mobile learning*

12. Ethical professional mobile learning for the teaching and nursing workplaces (Kevin John Burden, Sandy Schuck, Peter Aubusson)

13. Ethical concerns relevant to researching work

based mobile learning (Jocelyn Wishart)

*Section 5: Near-future scenarios for work-based mobile learning*

14. Mobile Learning in corporate settings: results from an expert survey (Christoph Pimmer, Urs Gröhbier)

15. Future scenarios for workplace-based mobile learning (Jocelyn Wishart, David Green)

### Outcomes and deliverables

The book will be published by Peter Lang; the expected date of publication is late 2010.

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