

# International Journal of Interactive Mobile Technologies (iJIM)

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SPECIAL ISSUE ON**

## **ADAPTIVE APPROACHES TO MOBILE LEARNING**

Contributions are invited to a special issue of the International Journal of Interactive Mobile Technologies (iJIM) conforming to the theme of Adaptive Approaches to Mobile Learning. The exponential growth of wireless technology in recent years, increasing availability of high bandwidth network infrastructures, advances in mobile technologies and the popularity of handheld devices have opened up new accessibility opportunities for education. The true potential of e-learning as “anytime, anywhere” has finally begun to be realized in the form of m-learning, not only for those with disabilities or those living in remote communities, but also for those who have been attending traditional academia but could benefit from improved collaboration possibilities, situated learning opportunities and contextual learning.

Adaptive scenarios such as the use of multimedia-rich content, design of appropriate learning tasks, and use of collaborative paradigm, have potential to take mobile learning to a level where it can deliver education, at a higher quality than is presently available in a classroom environment, surpassing that by incorporating contextual problem scenarios from learners’ working and social environments, thereby, enabling collaborative problem-solving in authentic environmental contexts, such as problem themes based on the real entities in the learners’ immediate environment.

This special issue aims to focus on the emerging and innovative design, development and implementation of adaptive approaches to mobile learning. This special issue is intended to collate realisable ideas, inspirations, as well as outreach approaches which have been implemented and tested in mobile environment. Examples of topics of interest include, but are not limited to:

- Theories and paradigms for adaptive mobile learning
- Web 2.0 and Web 3.0 technologies
- Location-aware adaptivity
- Learner modelling issues in adaptive mobile learning
- Standardization issues in adaptive mobile learning
- Authentic problem solving in adaptive mobile learning
- Collaboration based adaptivity in mobile learning
- Adaptivity through integration of mobile and non-mobile environments
- Nomadic adaptive mobile environments
- Multimedia based adaptivity in mobile learning
- Specific cases of innovation in adaptive mobile learning
- Specific cases of accessibility enhancement through adaptive mobile learning
- Evaluation of adaptive mobile learning technologies

### **Important Deadlines**

|                                     |                 |
|-------------------------------------|-----------------|
| Extended abstracts (around 2 pages) | May 31, 2008    |
| Notification of acceptance          | June 30, 2008   |
| Submission of manuscripts           | August 15, 2008 |

Reviewers' feedback September 30, 2008

Submission of final manuscripts November 1, 2008

Submissions are to be sent by e-mail in MSWord to Prof. Kinshuk at [kinshuk@athabascau.ca](mailto:kinshuk@athabascau.ca), with copy to Prof. Yueh-Min Huang at [huang@mail.ncku.edu.tw](mailto:huang@mail.ncku.edu.tw) and Dr Qing Tan at [qingt@athabascau.ca](mailto:qingt@athabascau.ca).

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