

# Unfold Learning Designers CoP

Unfold Meeting Barcelona  
September 8, 2004

Rob Koper  
Professor of Educational Technology  
Director of Learning Technology R&D  
Open University of the Netherlands  
[rob.koper@ou.nl](mailto:rob.koper@ou.nl)

# Major Learning Design Driver

**How can we improve  
the pedagogical quality  
of e-learning courses  
in an interoperable way  
with user-friendly tools**

# What the session will bring

- **focus on learning designers with limited or no technical background**
- **interactive, open session with some themes identified in advance**
- **it is NOT about the development of tools (tomorrow)**
- **focus is on conceptual understanding of learning design**

# What is Learning Design?

- **get a feeling for the concept, and**
- **relationship with other terms like:**
  - **e-learning,**
  - **unit of learning,**
  - **IMS Learning Design,**
  - **instructional design,**
  - **learning/teaching,**
  - **...**

# How to develop a learning design?

- **different types of units of learning for different settings, different users**
- **methods**
  - **industrial methods vs artesian methods**
  - **primary focus on efficiency (reuse), effectiveness, accessibility or attractiveness**
  - **teacher-centered approaches**
  - **institutional-centered approaches**
  - **learner-centered approaches**

# Some learning design issues

- **personalization & adaptive designs**
- **collaborative designs**
- **active learning**
- **training of complex skills**
- **multiple-channels**
- **blended learning**
- **educational games**
- **reduction of workload**
- **...**

# Good and Bad learning designs?

- **learning design methods based on empirical research**
- **learning design methods based on analysis of patterns**
- **learning designs based on capturing of practice**

# IMS Learning Design

- **why it is there?**
- **how to translate a learning design into XML according to IMS Learning Design?**
- **how does it relate to other specs like EML, QTI, CP, SCORM?**
- **how does it relate to developments like semantic web?**



# General info

- [IMSglobal.org](http://IMSglobal.org)
- [www.unfold-project.net](http://www.unfold-project.net)
- [www.cetis.ac.uk](http://www.cetis.ac.uk)
- [www.learningnetworks.org](http://www.learningnetworks.org) (about EML, LD)
- [dspace.ou.nl](http://dspace.ou.nl) (preprints of publications, backlogs)

# Some Publications

- Specifications: IMS website (<http://imsglobal.org> )
- Overview article: Koper & Olivier (2004).  
Representing the Learning Design of Units of Learning. Educational Technology and Society.  
([http://ifets.ieee.org/periodical/7\\_3/10.html](http://ifets.ieee.org/periodical/7_3/10.html))
- EML and learning design issues: Jochems, Van Merriënboer & Koper (2004). Integrated eLearning. London: RoutledgeFalmer.
- From same publisher: McGreal (2004). Online Education Using Learning Objects.

## cont.

- Semantic web and learning design: special issue of Journal of Interactive Media in Education (ed. Th. Anderson, <http://www-jime.open.ac.uk/2004/1/> ).
- Learning Design Book Springer Verlag (end of the year/december)
- Special Issue of British Journal of Educational Technology: technology and lifelong learning (november).
- ... (see [dspace.ou.nl](http://dspace.ou.nl))