Core Research Area: Workplace Learning

The development from an industrial to a knowledge society has brought about far-reaching job market changes and new requirements for lifelong learning. In particular, today ′ s work practices require a constant update of work-related knowledge and the acquisition of new skills. Knowledge and skill acquisition increasingly take place on demand in a workplace.

In order to support workplace learning in the future, it will be crucial to identify the user ′ s knowledge based on the evidence that can be captured about her. Being able to analyse data from different sources with respect to a learner ′ s current activities and her competences will be a crucial challenge. Another challenge will be to deal with multiple real-world contexts in which learning will increasingly take place in working life. Technology (e.g. recommender and adaptable systems) needs to act as a scaffold that recognizes the strong need for self-direction in learning, but also offers support to learners. Further, innovative interaction paradigms and interfaces should allow learners to utilize the full power of recommendations/adaptation also in their mobile environment. Finally, the connection between the individual and the organizational perspectives is a significant challenge.