

Digital Co-Creation and Augmented Learning

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ABSTRACT

The momentum of the modern world increasingly requires a rapid and situational learning of new skills. Due to the growing information intensity, the adoption of competences progressively replaces factual knowledge. In order to enhance performance and productivity, computers act as learning partners supporting our individual handling of diverse information sources and exploring synergies between large communities. In such a field of tension where cyber-social environments continuously gain diverse technological pushes, new potentials for co-creative systems are emerging, assisting users in understanding, learning, and memorizing. This talk discusses the various factors and presents examples of current research and development that will affect our way of learning in the near future. It is trying to give some answers to the following questions: What is competence and what is the prerequisite for it? What factors influence the creation of competence today? How can technology be used as associative memories for supporting knowledge work in cyber-social settings? How to support knowledge sharing? Can you measure and anticipate information needs? How to employ interactive learning aids for co-creation?