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# Keynote: Factors influencing cognitive learning processes in learning with digital media

*Thursday 21 November 2024 10:10 (1 hour)*

The didactic design of digital teaching units requires a different approach than face-to-face teaching events, as the lecturer is not - at least not immediately - available to the learner.

Information that can easily be conveyed in person, e.g. through verbal additions, facial expressions, gestures and questions, must be anticipated and information must be made accessible in advance.

Apart from this, however, there are of course many fundamental similarities between well-designed digital teaching and well-designed face-to-face teaching.

Three central didactic components must be taken into account and should be included in every teaching unit:
1. Conveying the relevant learning content
2. Communicating with the learners
3. Offering task-related interaction

The focus of this presentation is on point 1, conveying the relevant learning content, when teaching in digital learning environments. Which premises of learning theories must be taken into account and which design guidelines can be derived from them?

Together we will try to discuss the application of these guidelines referring to examples from your own experiences.

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