#13 Factors influencing the successful implementation of a fully online-based international workshop: The case study of the Urban Design Hackathon [gefördert durch eTeach]

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The Corona Pandemic has accelerated the adoption of digital teaching platforms, prompting questions about successfully implementing fully online courses for creative group work. The STADKOMM project, a collaboration between Bauhaus-University Weimar and Technical University Ilmenau, analyzed an online Urban Design Hackathon from architectural and communication science perspectives. The study aimed to evaluate the satisfaction of online collaboration for creative project. It compared the experiences of different teams and identified key factors contributing to successful online hackathons.

The 24-hour international hackathon involved 14 architecture students from four universities across three European countries, divided into four groups. Each group included a communication science student for data collection and support. The research methodology combined surveys and systematic observation. Surveys assessed several influencing factors before and after the event such as the level of preparations, met expectation and social environment of the hackathon. Observation diary was also used to explain the group dynamic during the online hackathon.

The presentation will share findings from the comparative analysis, including insights into the process, project outcomes, and perspectives from students, observers, and instructors. It will conclude with recommendations for enhancing collaboration in digital environments.

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