



Kolloquium zur Bachelorarbeit

Displaying Context-Dependent Information in an AR Environment Exemplified by Virtual User Manuals and Presentations

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This thesis is aimed at answering the question of whether or not an “Augmented Reality” based application is suitable for replacing classical manuals or presentations based on other mediums. To test this thesis, a system for the “Microsoft HoloLens” was designed which is able to automatically detect marker-less 2D or 3D image target data in the environment using “Vuforia”, highlights said data and finally superimposes useful additional information on top of or next to the highlighted area. This thesis details how this system was implemented and which problems had to be solved during development. A final, qualitative evaluation provides insight into any shortcomings which were subsequently fixed and yielded otherwise positive results, allowing for a first, small sample confirmation of the thesis question.

Donnerstag, den 03. Mai 2018, 11:00 Uhr in Raum 106a, Ifl (D5), Albrecht-von-Groddeck-Str. 7