



Abschlussvortrag Research Track Nicolas Kahrl

„Investigating the Role of Representing User Environments in AR Remote Consultations“

This research track investigated AR based support for remote consultations, in which an on-site user is supported by a remote helper. In such situations, it is important for the remote helper to see the environment of the person asking for support in order to relate to it. Based on the literature, various mechanisms were created and tested, which texturized a virtual 2D / 3D model using a 2D video stream. In addition, the frequently used method of fixing the remote helper view to the view of the on-site user was compared with the possibility of moving freely in the 2D / 3D model. The Study was run with nine real furniture consultants as an experiment testing four conditions composed from these differences. The consultants were able to place furniture in the living room of a customer and consult the customer on their purchase.

Betreuer der Arbeit: Prof. Dr. Michael Prilla (Institut für Informatik), Prof. Dr. Andreas Rausch

Datum: Mittwoch, 13. Mai 2020, 17:00 Uhr

Ort: Online-Meeting über BBB

Link: <https://webconf.tu-clausthal.de/b/mic-v2x-qpg>