Avatar based teaching and learning

Univ.-Prof. Dr.-Ing. Heribert Nacken

RWTH Aachen University
Rectorates Delegates Blended Learning and Exploratory Teaching Space
"We are under the illusion that the mere content of learning materials - whether live or digitally made accessible - is able to unfold a formative effect in a mysterious way"

Quote: Prof. Rolf Arnold, Scientific Director, Distance and Independent Studies Center (DISC), TU Kaiserslautern
... what really gets through?

Picture Quote: Julian W. "Bud" Blake
Future Skills

**Digital Skills:** digital interaction, professional and interdisciplinary collaboration

**Hybrid Skills:** ethical and socially competent action in the digital and analog world

**Classical Skills:** problem-solving and communication skills and adaptability
Old school: one size fits all

... Media in everyday teaching: something is changing!

Picture Quote: Pixabay
... Media in everyday teaching: something is changing!

Today: Everyone gets the knowledge nugget that suits him/her!!
... what teaching and learning scenarios are covered?

Role play citizen participation

Virtual Student and Lecturer Mobility

Improvement of application-related skills
Teaching and learning scenario: Role play citizen participation
This material is part of the Creative Commons License “Attribution 4.0 international”

Permitted:

**Share** — copy and redistribute the material in any medium or format

**Adapt** — remix, transform, and build upon the material for any purpose, even commercially

You have to quote the name of the author

https://creativecommons.org/licenses/by/4.0/

**Reference Quote:** Univ.-Prof. Dr.-Ing. Heribert Nacken  
RWTH Aachen University
Following are the links to the videos presented in the session:

- MyScore Avatar based Teaching and Learning in VR: https://www.youtube.com/watch?v=7F52-7HBKLE

- How to build a mobile flood protection wall in VR: https://www.youtube.com/watch?v=FPLwK1Uc7Il&feature=youtu.be