

Master Thesis

Impact of Sensory Effects (w.r.t. Scent) on the QoE

The Sensory Experience Lab (SELab) works on the development of the future home cinema. One aspect is the enhancement of video sequences by additional effects such as wind, vibration, or light. We are looking for students who want to write a master thesis in this area. The main goal of the thesis is the evaluation of scent and other effects on the viewing experience.

Goal:

- ◆ Implementation of a device driver for handling scent effects.
- ◆ Development of one or more user studies.
- ◆ Conducting the evaluation and analyzing the results.

Requirements:

- ◆ Student of a technical study
- ◆ C/C++ skills
- ◆ **Optional:** Knowledge in preparing and conducting user studies
- ◆ **Optional:** Knowledge in Web programming and HTML/HTML5

Start: with immediate effect

We are looking forward to your applications which should be sent to selab@itec.aau.at

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