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Smartlab-Videos-Overview



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Introduction

This document shows different activities done in the smartlab or the near ecosystem.

A short overview is given intrinsically in the image-Video „Eigene Ideen im Smartlab verwirklichen“ (s.a. Fig. 0.1)

"Eigene Ideen im Smartlab verwirklichen"

URL: <https://www.youtube.com/embed/h5bxMwJhbHY>

Description: Image Video of the Smartlab

The document is divided in the following sections:

- Teaching Videos
- Public Live Casts (in future - soob coming)
- Project Videos (in future - soon coming)
- Privatissimum

Teaching Videos describes the different machines in the smartlab.

Project Videos contains videos regarding the individual projects done mostly by students in the smartlab.

Contents

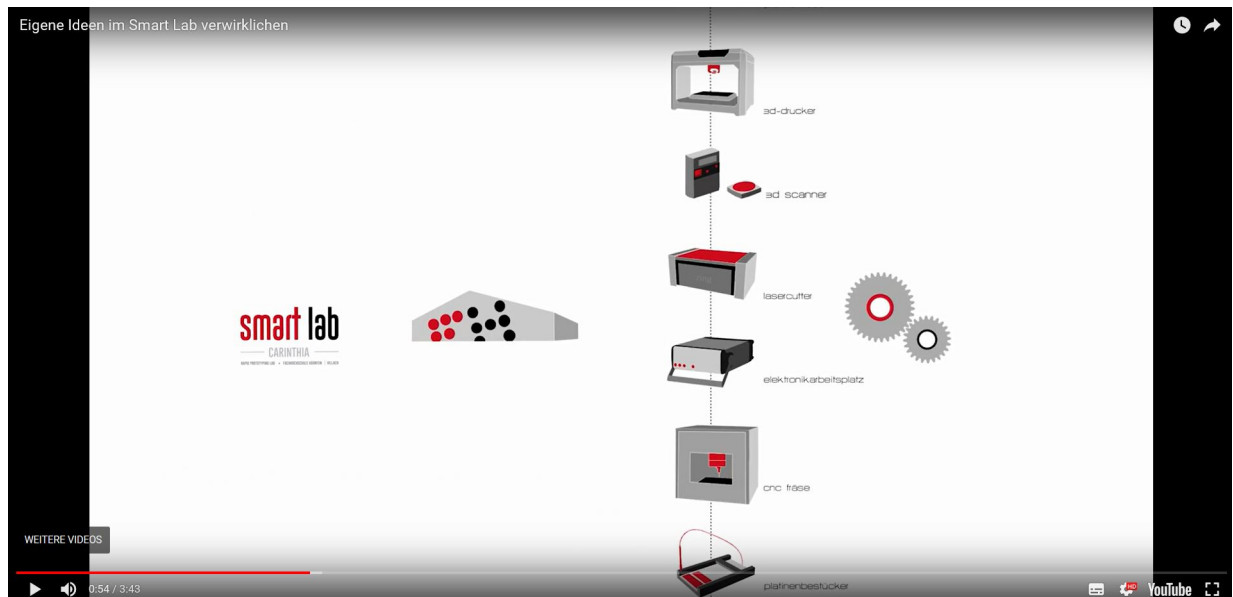


Fig. 0.1: Smartlab - overview of machine - types

Public Live Casts contains videos that shall show in a live cast manner, activities or typical possible things that can be done in the smartlab by nearly everyone.

Privatissimun contains the live workflow of the project work, which casually documents the student's project work in the smartlab and around.

1 Teaching-Videos

1.1 Lasercutting

1. "Mit dem Lasercutter im Smartlab schneiden und gravieren - erste Beispiele" URL: https://youtu.be/sNek_bmBhno

Description: It is shown how to cut a simple geometry, a star and how to engrave a photo in the smartlab with the Epilog Laser.

1 Teaching-Videos

2 Project-Videos

2.1 RobotCar

Description: This Project from Mr. Shi Yuhao is about a robot car that can be made in the smartlab. Several protototypes are made as well as as workshop to build it.

"2018_04_25_RobotCar_EllipseandLine" URL:<https://youtu.be/fqgjylL5hfc>

2 Project-Videos

3 Privatissimum SS18

3.1 2018_04_20 Privatissimum Smartlab

"2018_04_20 Privatissimum Smartlab" URL:<https://youtu.be/GYzbqOBqjh4>

Description: Experiment for the Triangulation with the FabsScan 100
- first live Cast in the smartlab (s.a. Fig. 3.1).

- Experiment for the Triangulation with the FabsScan 100 from Mr. F. Yuchen
- Sensor news with the robot car from Mr. Y. Shi

3.2 2018_04_23 Privatissimum BII_06

2018_04_23 Privatissimum BII_06 "Url: <https://vc.fh-kaernten.at/pu5rme745q3n>
and

2018_04_23 Privatissimum BII_06 "Url:<https://youtu.be/-QwOoLBjIZU>"

Description: Discussion of Ukulele Project, Triangulation Experiments,
RobotCar

3 *Privatissimum SS18*



Fig. 3.1: Smartlab - Privatissimum - Triangulation Tests - 23.4.2018
live cast

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