



TRANSFER AND ENTREPRENEUR CENTRE

AWI-Lab

Test working scenarios for industry 4.0 in the laboratory

The AWI-Lab serves as an infrastructure for the development and testing of innovative product, process and service solutions in the field of "Workplace 4.0". Interested students as well as employees at the university of Saxony-Anhalt receive the opportunity to make their own ideas a reality within the framework of the pre-funding phase under the professional supervision of the Chair of Ergonomics and Work Design. Oriented towards the leading markets of "mechanical and plant engineering" as well as "health and care", the AWI-Lab provides an installation, care and communication scenario.

A first overview of what you can expect, you can find on this page. For a deeper insight visit, the monthly offered laboratory tours or one of the following events. If you are interested in starting your own project, inform yourself [here](#) about the next steps or contact the [AWI-Lab-supervisor](#) directly!

Assembly 4.0/ Assembly laboratory in G10-043

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- Collaborative robot: "Sawyer" by Rethink Robotics
- AR- and VR-Glasses: Microsoft "HoloLens"; Samsung "Odyssey"; Samsung "Gear VR"

- Assembly working space with digital assistant system: "Intelligent Klaus" by Optimum
- Laser projection system: "Werklicht Pro" by EXTEND3D
- driverless transport system: "MiR100" by Mobile Industrial Robots ApS
- Motion Capture System: "MVN Link" by Xsens
- Eye-Tracking-Glasses: "Glasses 3" by Ergoneers
- multiple tablets, smartphones & smartwatches
- EEG- gauges
- 3D-printer: "i3 MK3" by Prusa
- ...

Caring 4.0/ Caring laboratory in G10-450



- intelligent and networked furniture- and assisten systems
- Hospitality-style bed & patient-dummy
- Exoskeleton: "Cray X" by German Bionic
- Smart Floor: "SensFloor" by Futur-Shape
- electronical help for standing up
- Smart Shirts (Ambiotex)
- multiple tablets, smartphones & smartwatches
- ...

Teamwork 4.0/ Communication laboratory in G10-448



- flexible and diverse designed working spaces
- innovative aids for interaction and moderation
- elektronische flipchart: Samsung "Flip"
- AR- and VR-Glasses: Microsoft "HoloLens"; Samsung "Odyssey"; Samsung "Gear VR"
- 360°-3D-Camera: "Insta360 Pro 2"
- multiple tablets, smartphones & smartwatches
- Phone- and video conference system
- ...



Contact person:

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Requirements

In order to use the ego.-incubators the following conditions have to be met:

- Project presentation with targets and timeframes
- Students or academic staff or peers (artists, physicians, Exist scholarship holders, graduates / graduated employees with founding intentions) at a university in the state of Saxony-Anhalt
- No pursuit of economic activity through the user of the incubator

If you have any questions, please contact the supervisor of the respective ego.-incubator or directly contact the TUGZ



Coordination MakerLabs
Transfer and Entrepreneur Centre

Incubator representative

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Stay in touch with us and follow us on Facebook!

Office hours and guided tours

Office hours:

Wednesday 9:00 am -11:00 am or by appointment via Email:
awilab@ovgu.de

Guided tours:

First wednesday of a month at 13:00 pm,
Registration required:
awilab@ovgu.de