



PROGRAMS

The OpenLab Hamburg offers a variety of different education and training programs for various target groups:

- **Workshops, lectures and courses on the subject of „digital manufacturing“**
Among other things, building a 3D-printer, electronics 101, CAD-workshops, etc. are taught.
- **Instructions for machine usage**
to be able to work with the machines at the OpenLab.
- **OpenLabDay** – work openly and freely; realize your own ideas!
- **Programs for school classes** in the form of workshops, lectures and guidance to convey the concept of „digital manufacturing“ and technology.
- **OpenLab Kids Courses** during weekends and holidays.

CAUGHT YOUR ATTENTION?

Come visit the Lab on **Thursdays between 2 pm and 6 pm.** and participate!

Or get in contact with us! On request we also design individual courses.

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ADDRESS

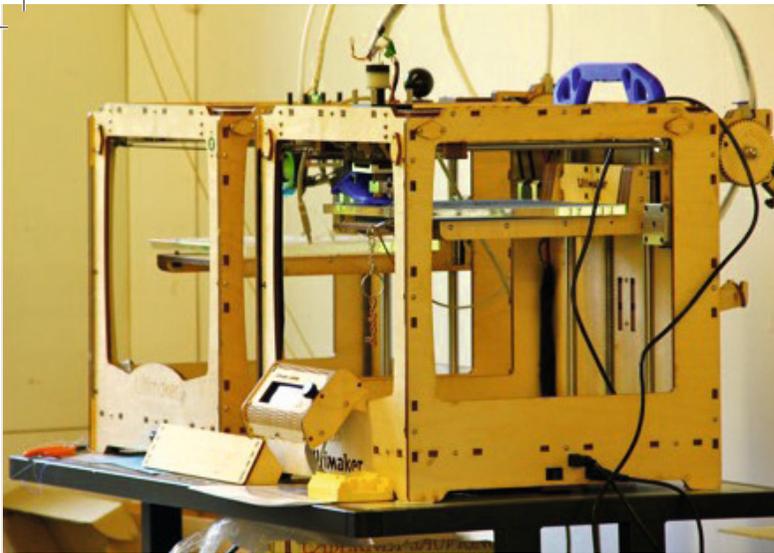
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OpenLab
Hamburg
Think it! Make it!

Open Workspace for
digital fabrication



WHAT IS THE OPENLAB HAMBURG?

The OpenLab Hamburg is a modern and open high-tech workspace, which offers public access to **digital means of fabrication** in order to foster the realization of individual ideas.

The Lab belongs to the FabLab movement (fabrication laboratory) – a global network of open workspaces.

Concise courses for beginners provide fast and easy access to the utilization of the machines. Handling the machines does not require special training, to the contrary, just 1-2 hours of instruction are required.

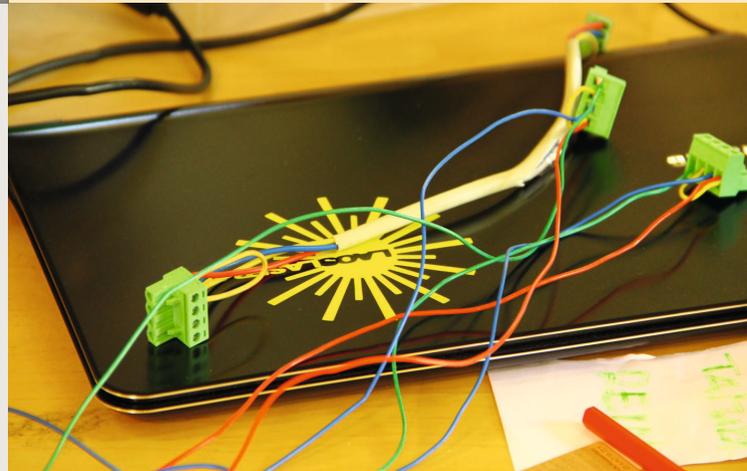
Additionally, workshops, lectures and weekly meetings provide the opportunity for networking, mutual learning and creating something new – together.

The OpenLab Hamburg is organized and run by the Institute of Production Engineering at the Helmut Schmidt University.

TARGET GROUPS

The OpenLab Hamburg invites all **students, pupils and private individuals, plus companies and other institutions**, who are interested in craftsmanship, design and technology

The Lab might be used for research and student projects, the development of prototypes for start-ups as well as for tinkering around.



DIGITAL WORKSPACE

Digital Fabrication – manufacture things based on a digital model – starts to change our everyday world and our commercial life in a fundamental way.

In the wake of technological development in recent years, computerized machines have become more and more available. At the OpenLab Hamburg you may experiment with all these tools. You are invited to gain experience with these tools.



EQUIPMENT

The core of our equipment is a variety of 3D printer, a laser cutter, a CNC milling machine and a CNC lathe.

Standard tools like a drill press, a chop saw, a battery drill, etc. just as an electronics compartment are also available.

After instructions all the machines may be used autonomously.

