



# TRANSFER AND ENTREPRENEUR CENTRE



## FLEXtronic

Electronics are part of every modern device. The ego.-INKUBATOR **FLEXtronic** offers the possibility to design, manufacture and test electronics and mechanical parts. This makerspace has state of the art tools and machines for industrial grade **prototyping**. Professional personal will guide you through the process. The FLEXtronic laboratory can be used by students and employees at a university or research centre in Saxony-Anhalt.

### Capabilities:

- Design of electronics or mechanical parts with open-source CAD software
- Manufacturing of industrial grade printed circuit boards via laser- or chemical-etching
- Pick-and-place of electronic components and reflow soldering
- Manual soldering including hot-air and preheating
- Testing of electronics with modern test equipment like oscilloscopes, spectrum- and network-analyzers
- CNC milling or 3D printing of mechanical parts
- Lasercutting and engraving of non-metal parts
- Workshops and training
- Expert advice for product development up to series fabrication of electronics or mechanical parts

### Usage:

Contact us via email: [flextronic@ovgu.de](mailto:flextronic@ovgu.de)

With your request send us a small description of your project and what machines and tools you want to use.

We will give you a schedule for the general lab safety instruction. With this you have general access to the FLEXtronic laboratory where you can use the manual tools.

For machines you need extra instructions. Ask for extra/combined schedules. Don't forget to bring the Part(s), PCB files or CAD files you want to work on.

**All information about the laboratory and our equipment can be found in our Wiki.**

**Robert Kowal, M.Sc.**

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### **Office hours and guided tours by appointment**

#### 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  
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