

## HITEC Lab

**Title:** Drilling, sawing, filing – mechanical workshop  
Building your own “Mensch-ärgere-dich-nicht-Spiel”

**Date:** 6.-7. June 2018

**Time:** 8:00 – 16:40



**Location:** [Forschungszentrum Jülich](#) ► Building 20.16, room 206 (BAW-Campus)

In daily lab life scientists and technical staff work closely together. However, scientists sometimes lack the knowledge of basic mechanical operations such as drilling, sawing, and filing. In order to raise the awareness or extend your knowledge this HITEC Lab gives you an overview about these basic operations. You will get instructions to several machines and techniques in the mechanical workshop and you will use this knowledge to prepare your own “Mensch-ärgere-dich-nicht-Spiel”.

### You will learn:

- How to drill, saw, file, and mark metal
- How to use a sandblast cabin and lacquer metal

### Who should attend:

HITEC Ph.D.-fellows;  
Postgraduate-, Ph.D.- and postdoctoral fellows from the fields of energy and climate research

### HITEC Labs

The HITEC Labs are hands-on periods of practical training lasting 2 to 3 days, in which small groups of students from various institutes concentrate on one method that is applied in various fields. The aim of the HITEC Labs is to enable the PhD students to appreciate that a method originating from an unrelated field may also be applied in their own work. If students should discover that they require more intensive instruction in applying the method than can be imparted during the HITEC Lab, then they can make arrangements with PhD students at the institute in question to work at the institute for a limited period.