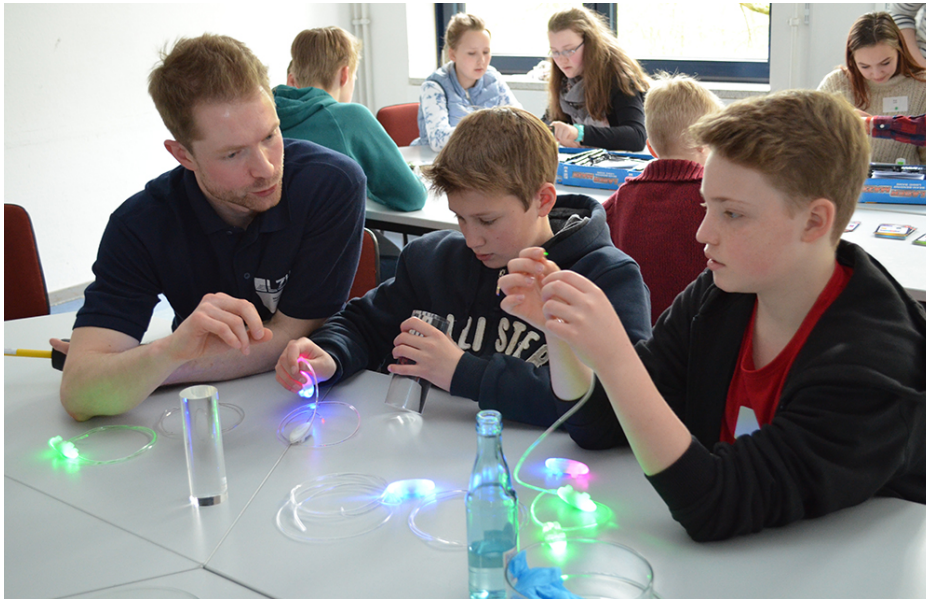


## Helicopter challenge? Seeing through walls? Future Career Day 2016!



### Auf einen Blick

- „Future Day“ 2016 at the PZH and the LZH
- PZH: All seven institutes offered hand-on activities for more than 70 pupils
- LZH: Laser technology presentations for nearly 60 girls and boys
- The next Future Day is April 27th, 2017
- 

01. 2016

**PZH/LZH | More than 130 students used the Future Career Day (“Zukunftstag”) to gain insights to the technology of tomorrow: The ten- to fifteen-year olds had the opportunity to do some research and experiments at the Produktionstechnisches Zentrum Hannover (PZH) and at the Laser Zentrum Hannover e.V. (LZH).**

At different stations, the students at the PZH discovered various things: At the helicopter challenge from the Institut für Fabrikanlagen und Logistik, they followed screen instructions to assemble a small helicopter, showing their speed and skill. At other stations, the students pressed shopping trolley chips, tried to beat the highscore with a particularly high feed rate, and examined tiny samples with a scanning electron microscope (SEM).

At the LZH, the students got to see what Optical Coherence Tomography (OCT) is, how a laser-based x-ray machine helps to detect the content of a Kinder Surprise Egg before opening it, and how to cut or mark with the laser. They could try out how to guide a laser beam via a mirror, how to transmit music in the room using light and how to “bend” light with optical fibers.

*by Julia Förster und Pamela Klages*

in  
E-Mail: [presse@pzh-hannover.de](mailto:presse@pzh-hannover.de)  
Tel.: +49 (0)511 - 762 5208  
Webseite: