

LASER4DIY

Laser4DIY

LASER4DIY - Open-Source Laser Structuring for Making PCBs

Project description

- [LASER4DIY introduction](#) (English)
- [Project description on www.photonikforschung.de](#) (German)
- [Open-Source-Laserstrukturierer für die DIY-Platinenfertigung](#), [www.photonikforschung.de](#), article from 2016 (German)

News

- We presented our project at [LASER World of Photonics 2019](#). Thanks to all the visitors who dropped by at our booth!



- We have released the first version of our Open-Hardware [TEC \(thermoelectric cooling\) controller](#)!
- Andreas Welzmüller presented the project at MakerCon Germany. Check out [his slides here](#).



(Photo: dpunkt.verlag)

- We were at the Maker Faire in Rome. There were many people interested into our project. We had many good talks and a great time!



- Get the latest news on [Twitter: @laser4diy](#)

Results

- Nd:YVO4 laser source (work in progress)
 - [Nd:YVO4 laser source](#) (English)
 - [Nd:YVO4 Laserquelle](#) (German)
- Lasersafe - parametric laser experiment enclosure
 - [Interactive enclosure planner](#) (version 1)
 - [Laser safety window materials](#) (interactive diagram) - transmission measurements with common transparent materials
 - documentation (in German): [Ermittlung der Absorption, Transmission und Reflexion von transparent Materialien](#)
- Electronics
 - [TEC Controller](#)
 - Constant Current Power Source (work in progress)
- more to come - stayed tuned!

GEFÖRDERT VOM



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