



# Helsinki Hacklab

helsinki.hacklab.fi | Takkatie 18 | Community run workspace

## HACKERSPACE

### ASSOCIATION

Established in spring 2010  
2010-2014 | Vallila | 100 m<sup>2</sup>  
2014- | Pitäjänmäki | 225 m<sup>2</sup>  
2017- extension 350 m<sup>2</sup>  
No. members 300+

### WORKSPACE

Wood shop • Metal works  
Electronics room • Media lab  
Textile work • Classroom  
3D printing • Machining  
Robotics • Painting • Kitchen  
Chemistry corner • Materials

## ONLINE

Flickr:// [helsinkihacklab](#)  
Facebook:// [helsinkihacklab](#)  
Github:// [HelsinkiHacklab](#)  
Twitter:// [@HelsinkiHacklab](#)

## ACTIVITY

### WEEKLY

Open Tuesdays at 17-22 every week  
Courses and training  
Digital technology on Thursdays  
24h access with own key

### COURSES

Arduino • Electronics for beginners  
Programming • CNC machining  
Weekend and theme courses  
Robotics • PCB prototyping  
FPGA • ARM • Retro tech

## EVENTS

### SELF ORGANIZED

Hacklab Summit Finland ½ 2015-2017

### IN FINLAND

Hacklab Summit Finland 2012-2018  
Model Expo 2010, 2012-2014, 2016  
Assembly Summer 2010-2016  
Mini Maker Faire 2015  
Tekniikan päivät 2015  
Wärk:fest 2012, 2013  
Camp Pixelache 2012  
Reaktori 2012  
Alt Party 2010, 2011

### ELSEWHERE

SHA 2017, Netherlands  
Chaos Communication Camp 2015, Germany  
Tehnohack 2014, Estonia  
OHM 2013, Netherlands

## INTRODUCTION

Helsinki Hacklab ry. is a hobbyist organization in Helsinki region and a part international Hackerspace movement. We are an independent, unaffiliated and self sustained community, which runs an open and member funded workspace for building and creating projects. The workspace interior is organized and built by our members. Majority of our open courses are completely free for participants. The association is active in communicating, writing its blog and publishing dozens of photos of its activities every month. We co-operate with Finnish Astronautical Society.

## OWN PRODUCTIONS

### ROBOTS IN STRÖMBERG PARK • FAMILY EVENT

June 2016, Helsinki

Free public event for children and families. Robots around Finland competed on a maze course.

### REACTOR • MEDIA ART, SIMULATION AND A GAME

Alt Party 2010, Assembly Summer 2014, Chaos Communication Camp 2015

Maximise energy output, keep the process stable and jump on the reactor cover.

### HELSINKI ENERGY MAP • INTERACTIVE INFOMAP

Sähkötalo lobby, 2014

### KIERRÄTIN • RECYCLED WORK

2012, on loan in science center Heureka

Mechanical marble course made from electrical waste and other junk.

## ART CO-OPERATION

### C6H12O • LAURA DAHLBERG AND HELSINKI HACKLAB

Galleria Huuto, spring 2018

Modified air humidifiers and artificial grass scent.

### VAIHEINEN • PIA MÄNNIKKÖ AND HELSINKI HACKLAB

Galleria Lapinlahti, talvi 2018

Hacklab built motors for a moving optical installation.

### OODI ELÄMÄLLE • VILLE MALJA AND HELSINKI HACKLAB

Great Space gallery, fall 2016

Helsinki Hacklab created a large format segment display in the work.

### USELESS EXERCISE • JOHANNES RANTAPUSKA AND HELSINKI HACKLAB

HAM gallery, summer 2016 • Helsingin city museum collections

Video playback speed controlled by exercise bike pedaling pace.

### D-A-T/D-A • KNPSST

Kone Foundation Saari art residency 2015

Dance, sensors, movement, sound and effects combined.

### UNISTA HERÄTETYT • HARRI LARJOSTO AND HELSINKI HACKLAB

Vantaa art museum, winter 2013

Technical design and production of robotic parts in the artwork.

## EDUCATION CO-OPERATION

### EXACTUM GREENHOUSE • UNI. HELSINKI DEPARTMENT OF CS

Workspace in use for project course exercises 2015.