

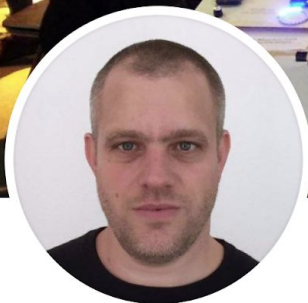
# Make, Learn, Share

CC BY-SA, Thomas Amberg  
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← **Thomas Amberg**



Edit profile

**Thomas Amberg**

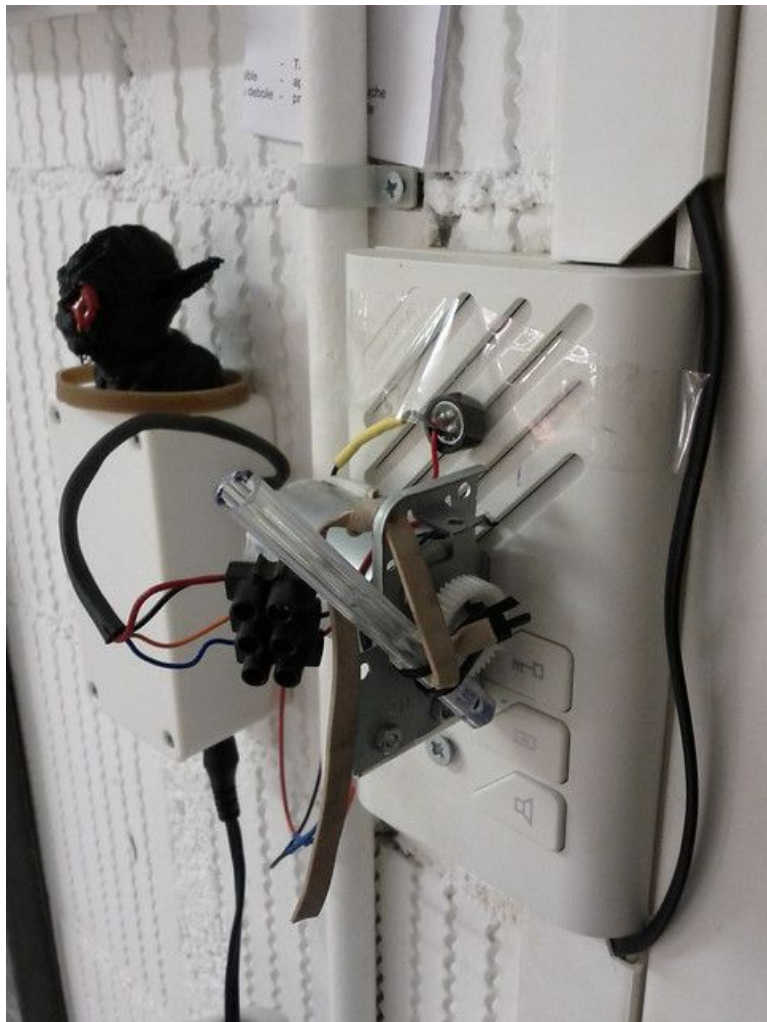
@tamberg

Maker/👨‍💻 engineer trying to work on stuff that matters. Founder @yaler. Organiser @iotzh, @makerfairezh. Embracing the future. Becoming a teacher.

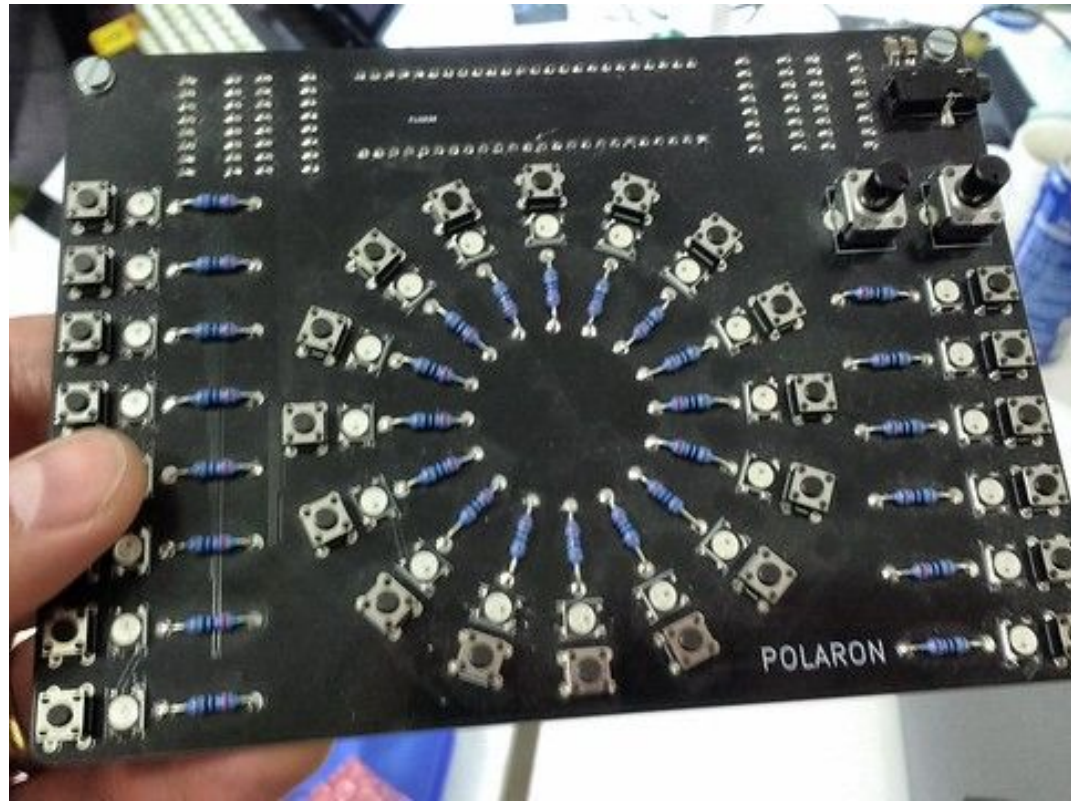
📍 Zürich 🔗 [tamberg.org](http://tamberg.org) 📅 Joined December 2006

**3,716** Following **2,117** Followers

# Maker Community









## Willkommen im FabLab Zürich

Das FabLab Zürich bietet einen niederschweligen Zugang zu modernen digitalen Fabrikationstechnologien.

## FabLab Zürich – Werkstatt für Digitale Fabrikation



Kennenlernen

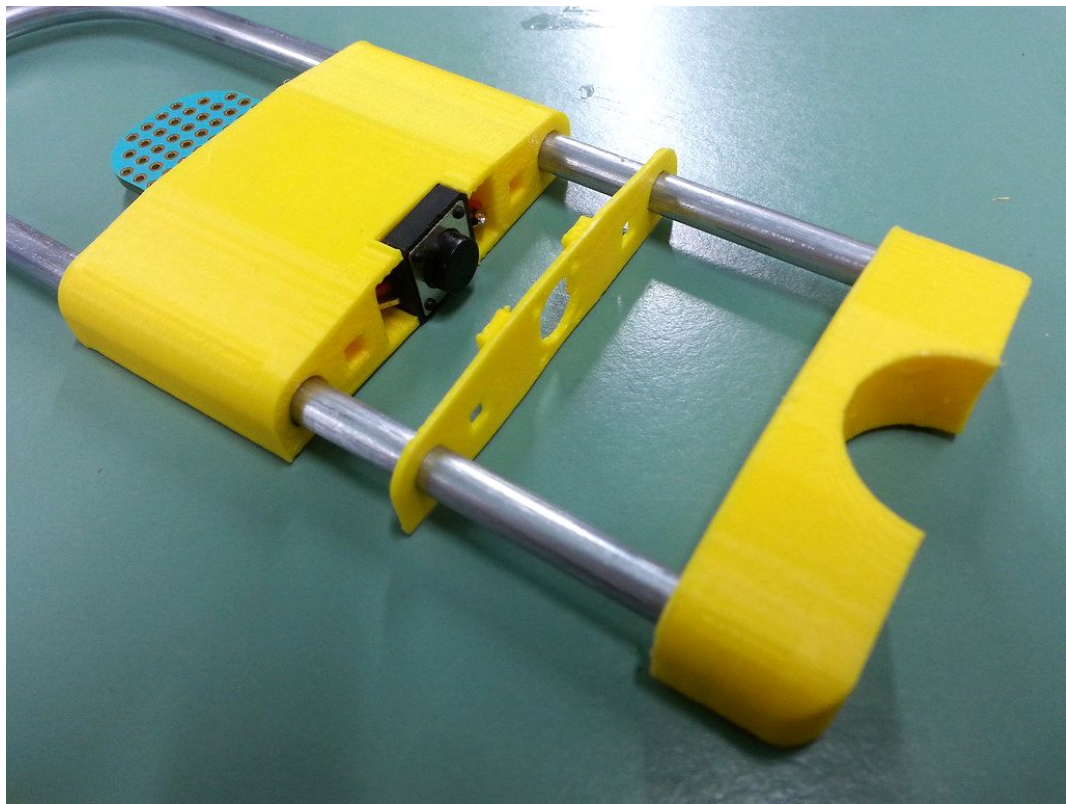
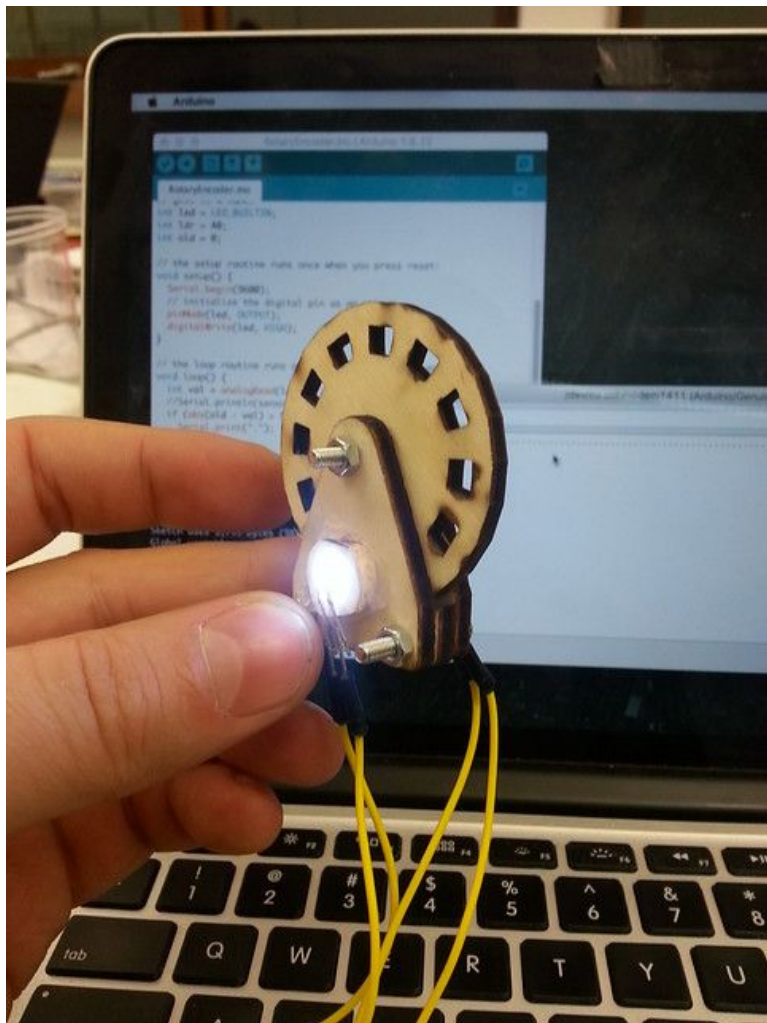


Mitmachen



Kurse & Workshops







September 15 – 16, 2018

Many thanks for your visit!

**Maker Faire is a family-friendly festival for digital crafts and new technologies, with a focus on making, learning and sharing.**

The event is an opportunity for exponents of the maker and Do it Yourself movement to present their work to a broad, interested public and pass on their excitement through interactive exhibits, workshops, discussions and talks.

[Program & Workshops](#)



Families, kids and young adults in particular are presented with numerous and playful ways to discover





# Internet of Things



Start a new group

Explore

Messages

Notifications



# IoT Zurich

Zürich, Switzerland

2,306 members · Public group

Organized by Thomas Amberg and 1 other

Share:

About

Events

Members

Photos

Discussions

More

Manage group

Create event

## What we're about

This meetup group is for everybody interested in the Internet of Things (IoT), how it works and what it means for our future. Together we learn about use...

## Organizers



Thomas Amberg and 1 other

[Message](#)



# Better IoT Principles

This work by [betteriot.org](https://betteriot.org) is licensed under [Creative Commons BY-SA 4.0](https://creativecommons.org/licenses/by-sa/4.0/).

## Introduction

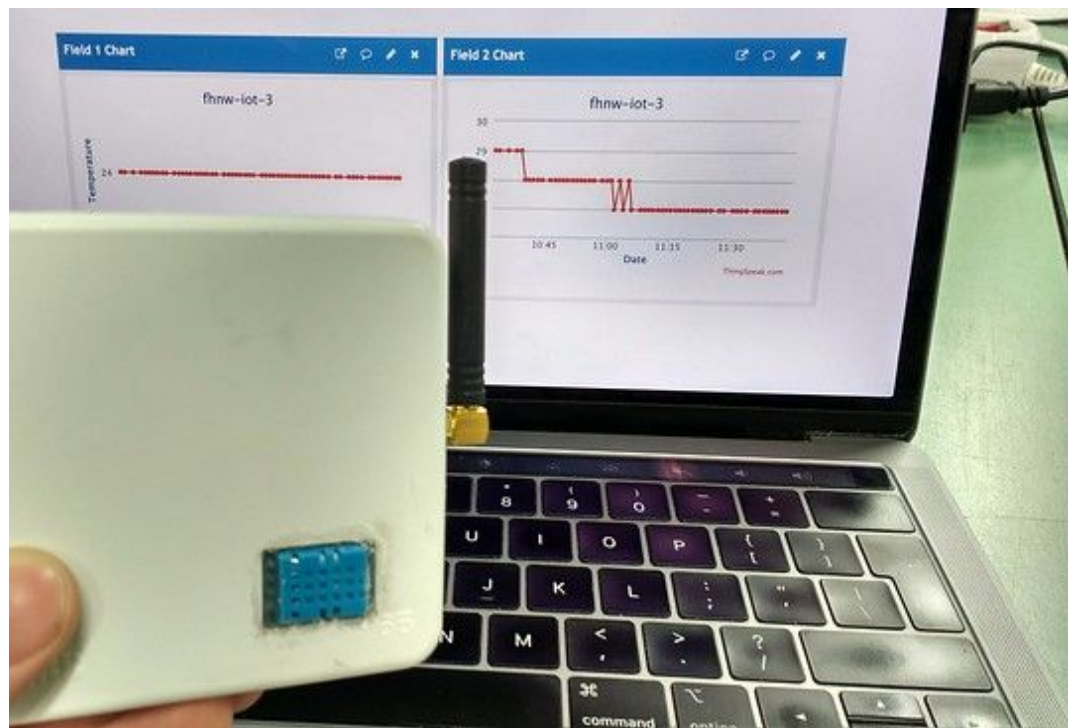
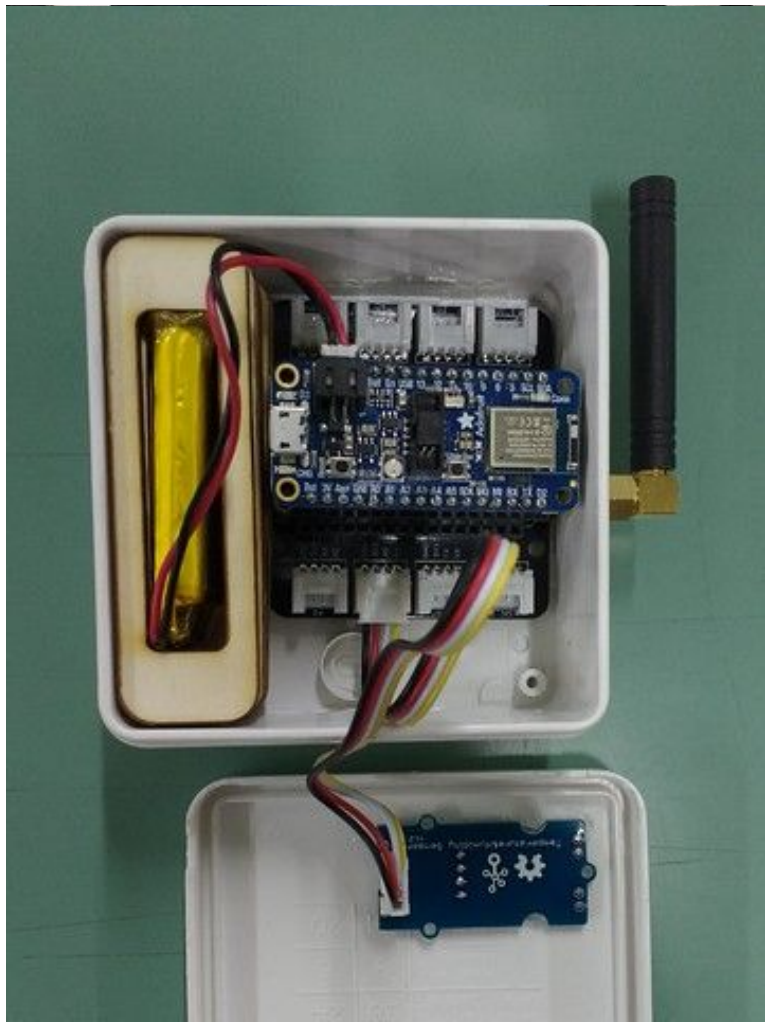
This is the latest version of a working document to develop [a certification mark for connected products](#) by IoT community members worldwide. This is a work in progress and you may [comment](#) freely, join the conversation on [Slack](#), [sign up to our newsletter](#) or give us feedback in writing ([alex@iot.london](mailto:alex@iot.london)) or on our [monthly open calls](#).

This is a set of principles that we think a vendor — a connected product manufacturer, team or founder — would use to make a good, secure, ethical, product that also takes into account the General Data Protection Regulation (GDPR). But also to push beyond the GDPR and look at the entire life cycle of a smart device. From manufacture, to final disposal.

# IoT Engineering

## Slides and code examples

1. [Introduction to the Internet of Things](#)
2. [Microcontrollers, Sensors & Actuators](#)
3. [Sending Sensor Data to IoT Platforms](#)
4. [Internet Protocols, HTTP and CoAP](#)
5. [Local Connectivity with Bluetooth LE](#)
6. [Raspberry Pi as a Local IoT Gateway](#)
7. [Messaging Protocols and Data Formats](#)
8. [Long Range Connectivity with LoRaWAN](#)
9. [Dashboards and Apps for Sensor Data](#)
10. [Rule-based Integration of IoT Devices](#)
11. [Voice Control for Connected Products](#)
12. [Raspberry Pi as an IoT Edge Device](#)
13. [Assessment](#)
14. [Demo Day](#)



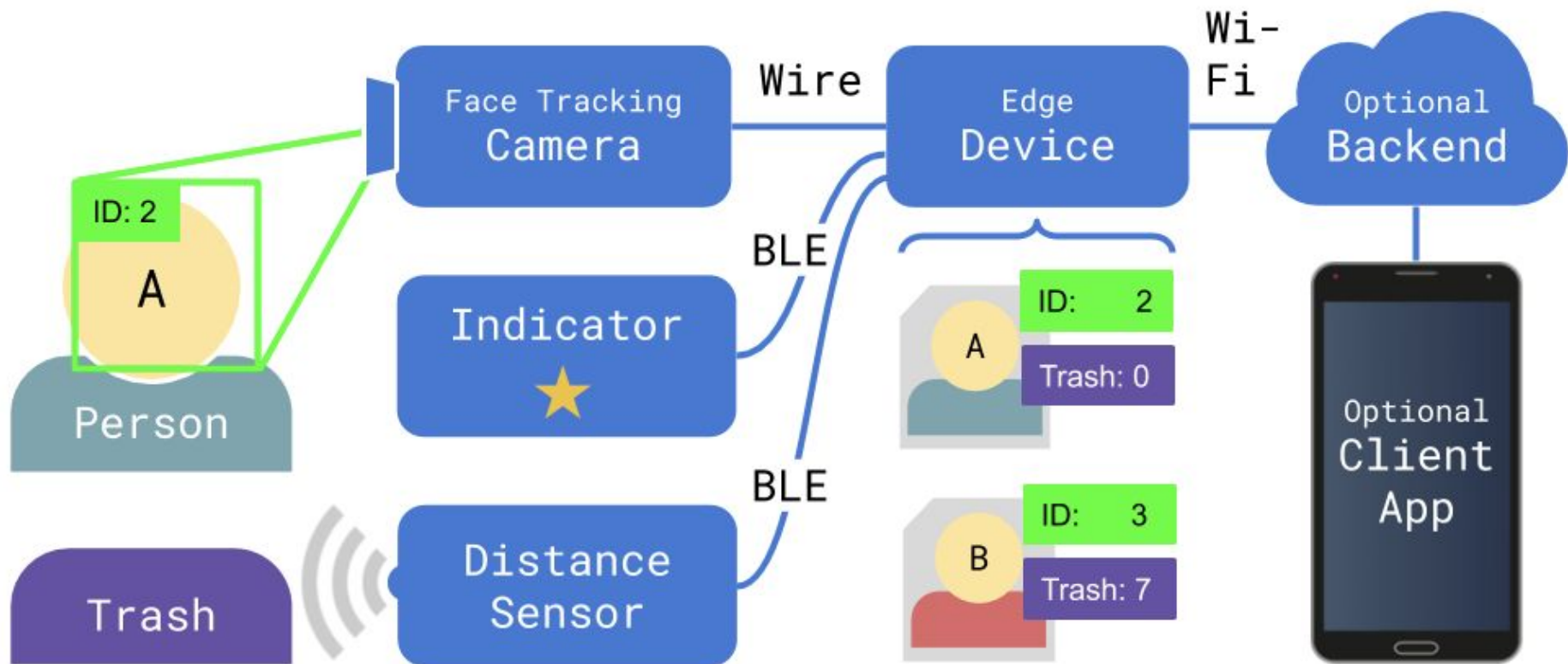




# Your Turn™

AI-mediated, shared responsibility.

Lets household chores draw attention to themselves, depending on who is there.



# Hackdays / Hackathons



flickr

← Back to album



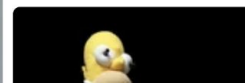
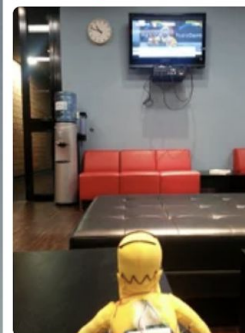
# Augmented Water

By tamberg in Circuits > Arduino 37,594 211 23 Featured

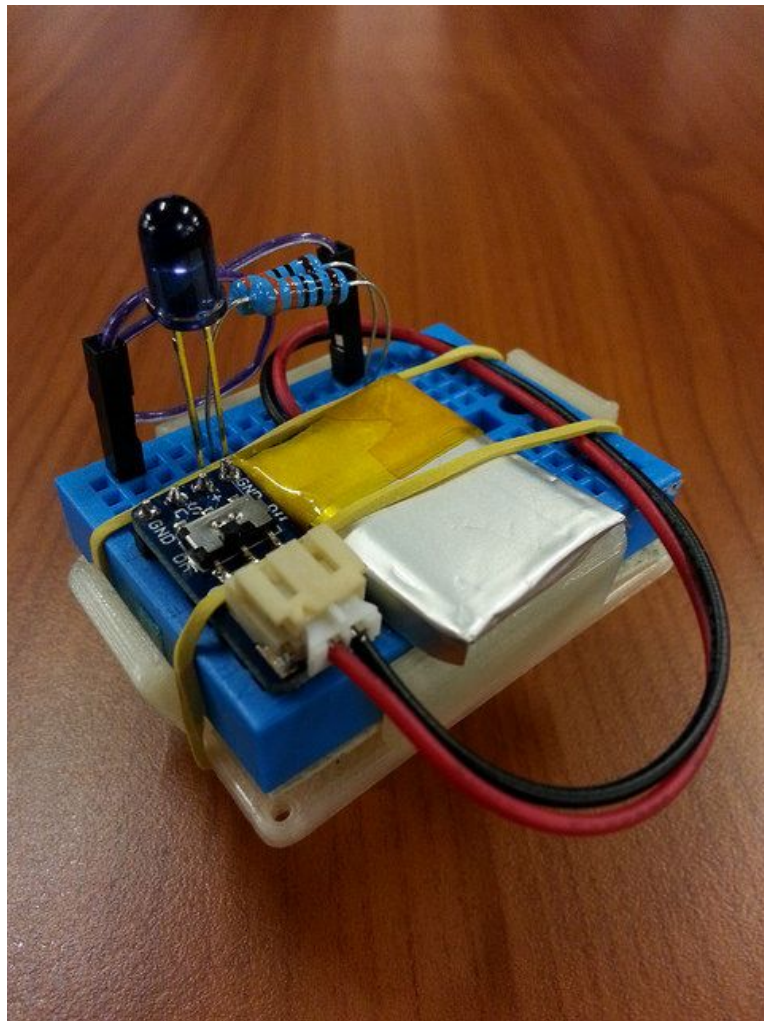


# Smart Homer Web-enabled TV Remote

By tamberg in Circuits > Arduino 👁️ 12,614 💖 59 💬 9 ★ Featured









# Make Zürich Hackathon

# HACKATHON FOR A BETTER CITY

**MARCH 20-28, 2020**

## WHAT IS IT?

We are bringing together the local maker community and the city administration to explore new solutions that improve life in [the city](#) with the help of [open networks and civic tech](#).

Make Zurich is a community event organized by Stadt Zürich and Open Network Infrastructure Association.



**Stadt Zürich**

## WHEN AND WHERE?

The challenges will be presented on March 20th followed by a hackathon on **Friday 27th & Saturday 28th March, 2020** at **Impact Hub Viadukt, Bogen D.**



**open network  
infrastructure**  
association

[MORE DETAILS](#)





# Make Zurich 2017

January 27, 2017 - February 4, 2017

47°22'N 8°33'E

- Bicycle commuter
- Bicycle tracking
- City gardens
- Environmental exploration
- Groundwater meter
- Nightlife noise
- Open challenge

Project cards displayed in a grid:

- mz-bicycle-commuter
- micro-bit-badge
- Voodoo Sonic
- MoBiFloC
- Make Zürich Green Again!
- Make Zurich Green Again
- Masterplan Velo—Trend "More"
- Open Air Quality
- Open the Things and See
- Bracket
- silencr
- Bicycle Tracker with SAP\_IoT
- GardenGarde
- lotaipan node prototype / LoRaSound
- bike-tracking
- Vitaparcours meter
- 0-1
- Grass



[mechatronicart.ch/mechartlab](http://mechatronicart.ch/mechartlab)

[zurich.fablab.ch](http://zurich.fablab.ch)

[meetup.com/IoT-Zurich](https://meetup.com/IoT-Zurich)

[thethingsnetwork.org](http://thethingsnetwork.org)

[makezurich.ch](http://makezurich.ch)

[tamberg.org](http://tamberg.org)