

**Hackers & Designers  
Workshop  
HKU  
September 2019**

417 Expectation Failed

503 Service Unavailable

440

>Login Tim

Error 418.

run a teape



# HACKERS &

# DESIGNERS

**DIY IT!**  
Do It Yourself Do It Together





Yellow Submarine  
@chterhoek!







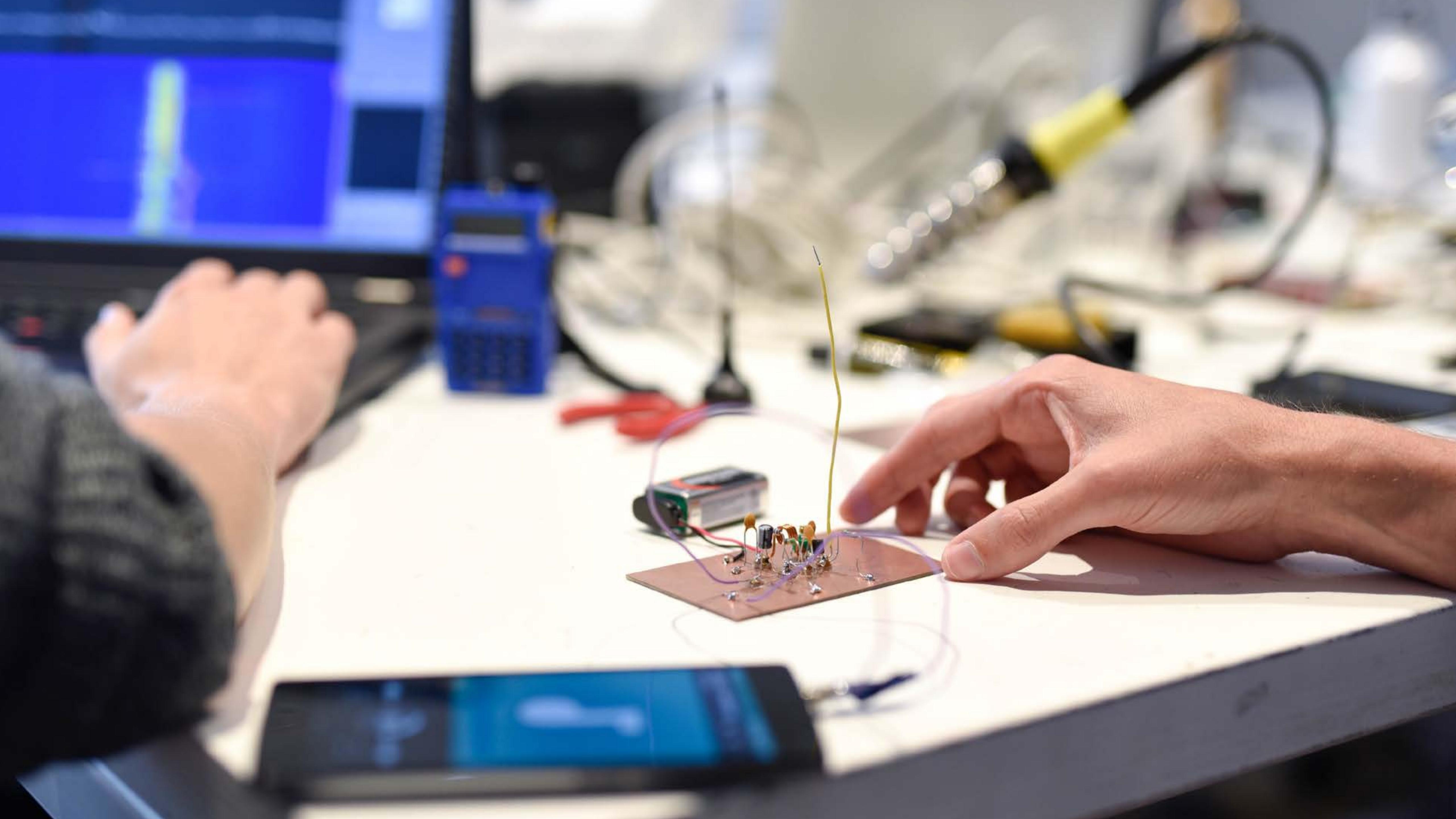


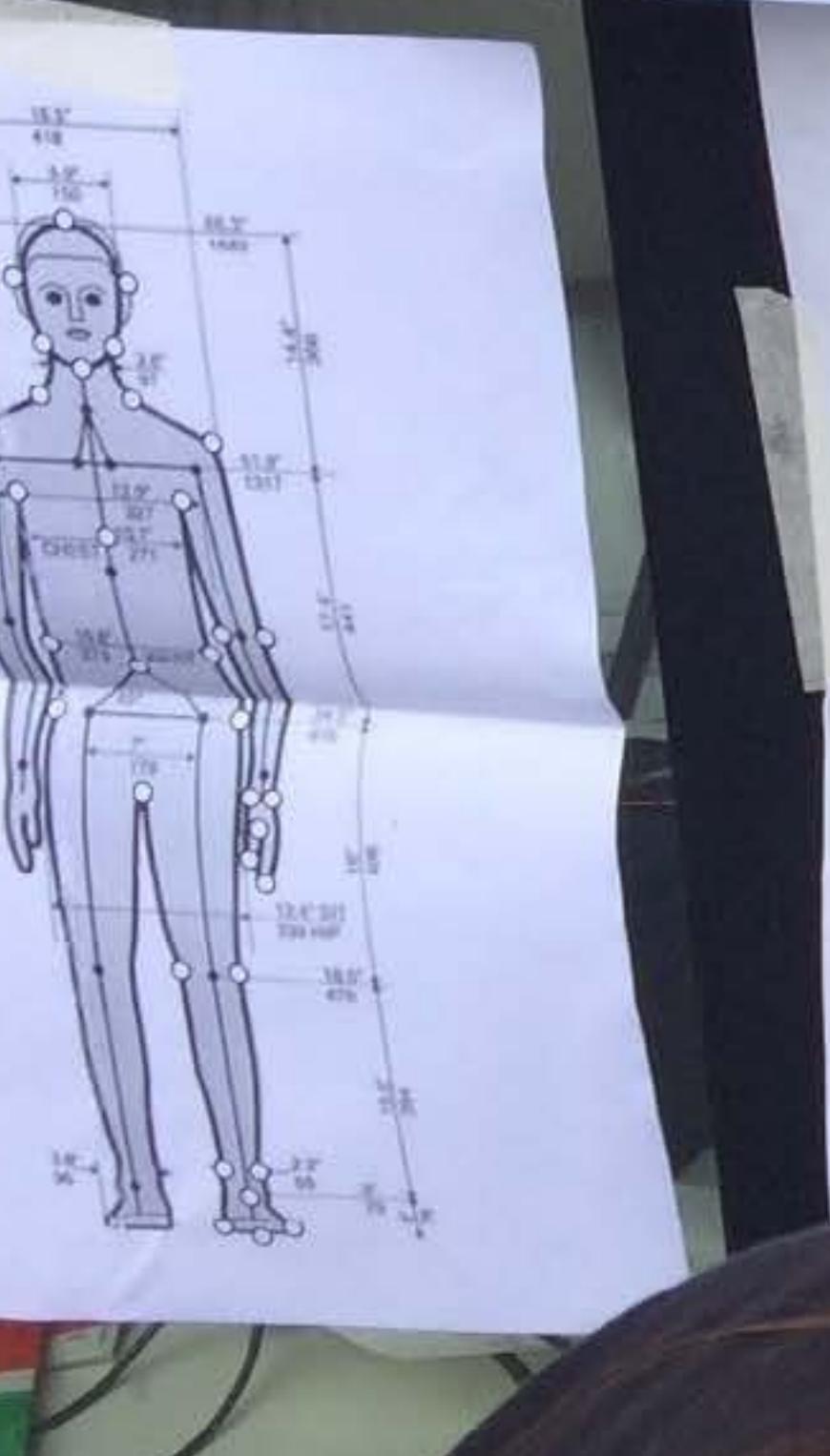
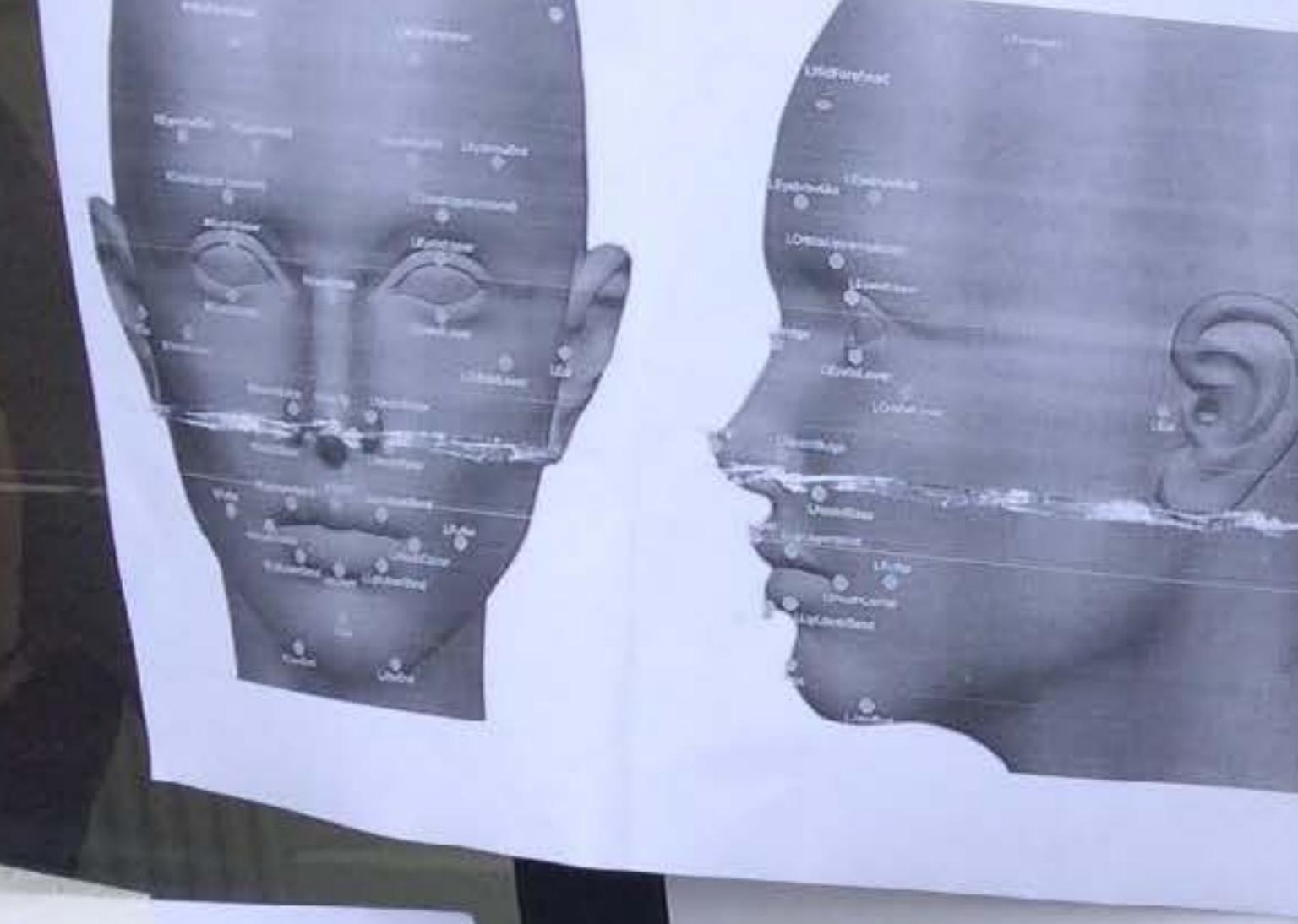


Garrani









the

BEAT

zine

issue

001



# THE RAPTURE BLONDIE JOLIE GOODSON WINEHOUSE



HELLO  
HELLO

TEST TEST

DOES IT GO  
FASTER NOW  
YES

BAGS



PANIC IN THE  
A.M.



DO YOU  
WANT NOW  
PASE

RETURN OF  
THE LOST  
PLASTIC  
BAGS

PRINT  
SERVICE NOW



PRINT

DO THE  
SCIENTISTS  
REALLY  
KNOW WILL IT  
HAPPEN  
TODAY

LOOK SEE  
FOR  
YOURSELF

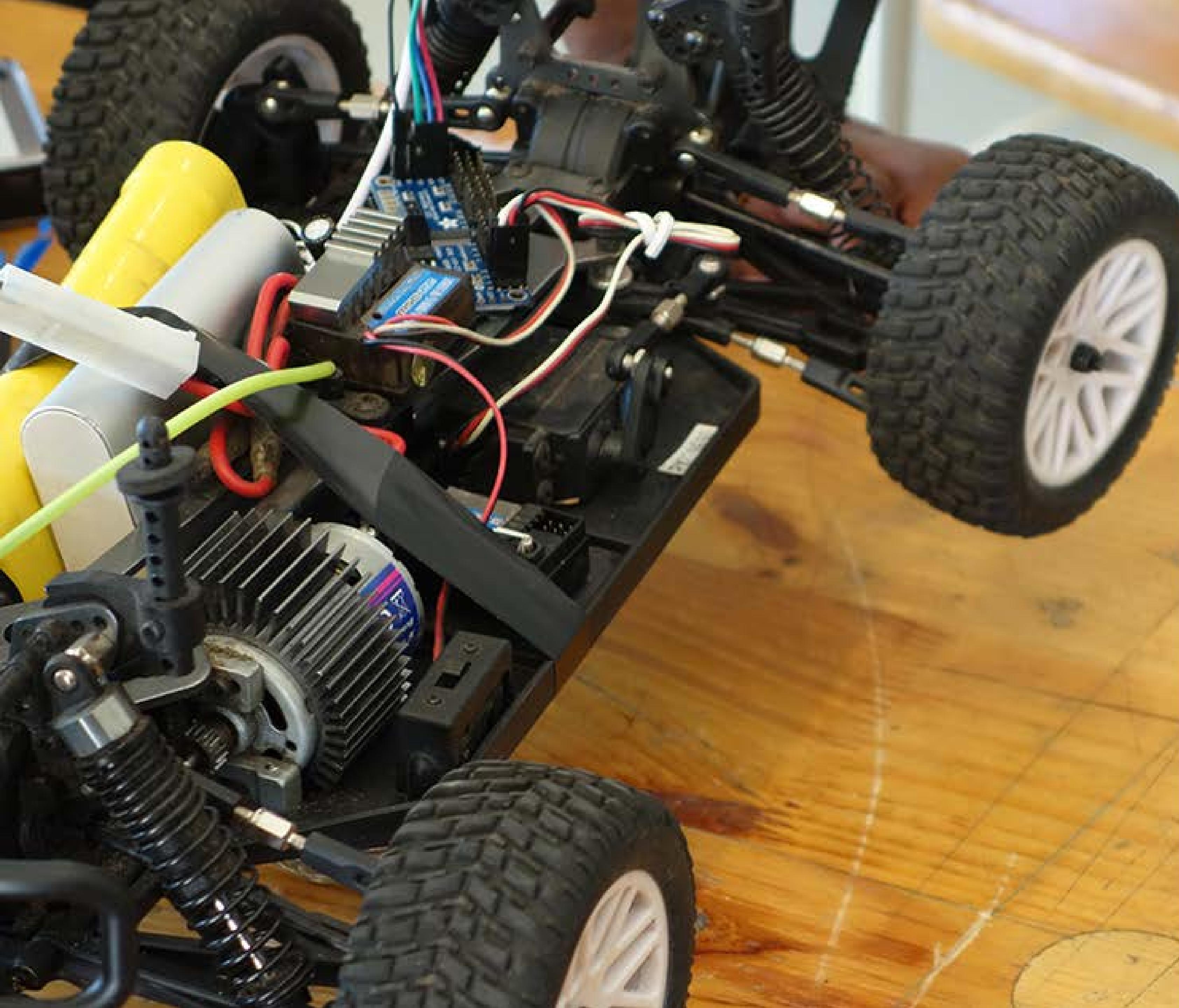
THE CHILDREN DRESSED TO EACH OTHER LIKE SO MANY ROSES



**BREAK STUFF!**







```
File " /home/pi/env/bin/donkey", line 11, in <module>
    sys.exit(execute_from_command_line())
File "/home/pi/env/lib/python3.5/site-packages/donkeycar/management/base.py",
    c.run(args[2:])
    pmw = int(input('Enter a PWM setting to test(0-1500)'))
KeyboardInterrupt
(env) pi@donkeypi:~/mycar $ donkey calibrate --channel 0
using donkey v2.5.1 ...
Enter a PWM setting to test(0-1500)360
Enter a PWM setting to test(0-1500)20
Enter a PWM setting to test(0-1500)1500
Enter a PWM setting to test(0-1500)10
Enter a PWM setting to test(0-1500)0
Enter a PWM setting to test(0-1500)1500
Enter a PWM setting to test(0-1500)150
Enter a PWM setting to test(0-1500)100
Enter a PWM setting to test(0-1500)400
(env) pi@donkeypi:~/mycar $ 800
-bash: 800: command not found
(env) pi@donkeypi:~/mycar $ 800
-bash: 800: command not found
(env) pi@donkeypi:~/mycar $ donkey calibrate --channel 0
using donkey v2.5.1 ...
Enter a PWM setting to test(0-1500)800
Enter a PWM setting to test(0-1500)10
Enter a PWM setting to test(0-1500)1500
Enter a PWM setting to test(0-1500)CTraceback (most recent call last):
  File "/home/pi/env/bin/donkey", line 11, in <module>
    sys.exit(execute_from_command_line())
  File "/home/pi/env/lib/python3.5/site-packages/donkeycar/management/base.py",
    c.run(args[2:])
    pmw = int(input('Enter a PWM setting to test(0-1500)'))
KeyboardInterrupt
(env) pi@donkeypi:~/mycar $ sudo reboot now
Connection to donkeypi.local closed by remote host.
Connection to donkeypi.local closed.
> up-contrast ssh pi@donkeypi.local
pi@donkeypi.local's password:
Linux donkeypi 4.14.34-v7+ #1111 SMP Mon Apr 16 15:18:51 BST 2018 armv7l

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/*copyright.

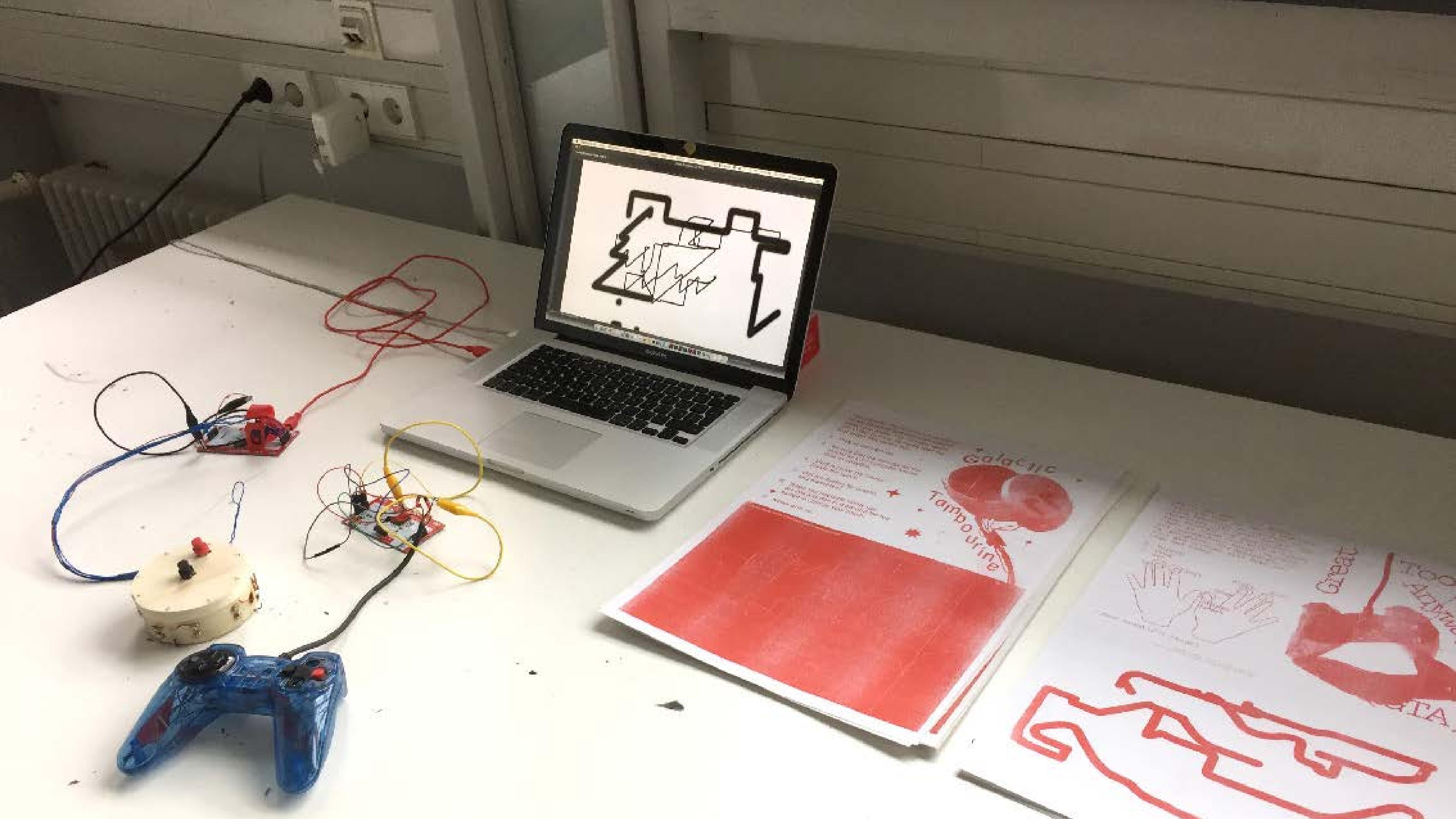
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Mon Sep 17 13:16:49 2018 from 2a02:a452:94f1:1:434:6717:619a:2e13
-bash: warning: setlocale: LC_ALL: cannot change locale (en_US.UTF-8)
-bash: warning: setlocale: LC_ALL: cannot change locale (en_US.UTF-8)
```





**UNLEARN**







HZD

on\z\off the grid

Featuring *PJ Machine* – Sarah Garcin



Featuring PJ Machine – Sarah Garcin





that send and receive radio signals through antenna. The antenna transmits signals just like a radio station, and a phone picks up those signals just as a radio does, allowing you to call your mom from a distance." Nowadays" Wigley says, "we all carry smartphones in our pockets, each containing six miniature antennas that connect us to the world, it's the first thing we touch in the morning, and it's the last thing we touch at night." We have developed an intimate relationship with this device, and we could almost start to see it as our lover. It's not that we have the phone, but the phone has us; it is our portal to the world."

Considering the smartphone 'feeler' as a prosthetic technology, a similar attention to sources that define media as an extension of ourselves can also be

seen in media and communications theorist Marshall McLuhan's work. McLuhan says that with each new technology, we develop new prosthetic arms, legs and so on, but this process is so frightening that we numb ourselves. Therefore, we are never able to see the technology that's changing us right now: we can only see the previous one.

"What McLuhan means is that we can never see ourselves right now. We cannot look in the mirror, as we can only see the world through the 'rearview now.' This is why it's important to consider the history of antennae, in order to face our current issues: what are we doing right now? What have we done to the human life form? Are we still human? Is our phone more human than us? It is possible. Moreover, if

we really knew what a human was, would we like it?"

For Wigley, it's important for us to question if we're still the biological humans we think we are. But at the same time, we should harbor such a change. "Being afraid of technology means being afraid of ourselves," Wigley adds. "We are not the victims of our technology. We are our technology."

Mark Wigley — Professor and Dean Emeritus at Columbia University's Graduate School of Architecture, Planning, and Preservation, architectural theorist, critic, and historian. Wigley is a co-founder of *Volume* magazine and author of many publications on the theory and practice of architecture.

# Work the Workshop

**Shailoh Phillips and Anja Grotens**

The Hackers & Designers [1] initiative brings together artists, designers and technologists by means of hands-on workshops. H&D workshops usually aim to critically investigate the complexity of technological constructions and their societal implications through collective processes of making. Although the notion of the workshop as understood by H&D does not directly refer to the original meaning of the artisan

workshop [2], there is still a sense of competency that is shared between the group of workshop participants. Specific to the workshop situations instigated by H&D is the emphasis on

technology as human-made, and as inhabiting social orders. According to Lilly Irani, assistant professor of communication, science studies and critical gender studies at the University of California San Diego, "subjects and social orders are reproduced and valorized in practices of technological production. These forms of technologically productive social life emerge at the intersection of systems of gender, economy, and politics" [3]. At H&D, collaborative making situations turn into sites for exercising and challenging positions, for opposing, contradicting, and confronting. The hands-on aspect is important in this context, as well as the collaborative modes of production. Touching, colliding, breaking apart, and deploying codes are all means of acquiring new knowledge and skills, but also of confronting assumptions about

## COCA COLA THE SECRET FORMULA PRE AND POST 1980



7X flavoring formula:  
Alcohol  
Sinaasappelolie  
Limoen olie  
Nootmuskaatolie  
Korrianderolie  
Neroliolie  
Kaneelolie

237 ml	
20 drops / 1.3ml	
30 drops /	2ml
10 drops /	0.7ml
5 drops /	0.4ml
10 drops /	0.7ml
10 drops /	0.7ml

Cola syrup:  
7X formula  
Citric Acid  
Sugar  
Water  
Lime juice  
Vanilla  
Cocaine (pre 1983)  
Caramel

11ml	
17ml	
2.36 kg	
2.28 L	
1 liter	
8ml	
0.50 tsp	
30ml	

Preparation 7X Flavoring:  
Mix oils together in a cup.  
Add alcohol and mix well.

Syrup:  
Take 5 mls of the 7X formula. add the citric acid.  
Add the water, then the sugar.  
While mixing, add the cocaine, if desired.  
Make sure the cocaine is completely dissolved.  
Then add the caramel color.  
Mix thoroughly.

Cola:  
Take one part syrup and add 5 parts carbonated water.

The first dancer was a traveler

this theater?

found movement, free, bound, ritualistic, repetitive, our movement, undetermined, unpredictable, random, by any chance, by law, in no circumstance, enacted, natural, given, taken, new, renewed, imagined, literal, performed, metaphorical, natural, unnatural, aesthetically pleasing, unpleasing, illegitimate, unknown, classic.

momentum, inertia, sustain, contain, continuum, tension, counter-tension, stop, intensity, cultural specific, shared, appropriated, given, taught, lost, found, inexistent, contagious, individual, collective, simultaneous, minimal, neutral, discrete, concrete, genetic, relational, operational, digital, algorithmic, act, fictitious, social, meaningful, normative, prescribed, conceptual, virtual, physical, magnetic.



# HYPERMUSH

André Fincato and Marcel Goethals

hypermush was a workshop that introduced p2p technologies and their user-applications when disguised as a multi-user-shared-hallucination (MUSH) videogame.

MUSH's are an evolution of MUD (multi-user-dungeon) which are early multiplayer text-based adventure videogames from the 1970s.

We used the MUSH game dynamics to explore the p2p datagram protocol, and build shared and interconnected narratives by way of dungeon explorations, user group formation, file tradings and key discovery, until it got hyperreal...

Following the slides used during the workshop, and adapted as loose notes to give an introduction to the workshop themes.

## http vs p2p

### http

Simple functioning of an http(s) server

(→ bit)

client -----> server  
(cats, death, rabbit hole, etc --)

client <-----> server

### p2p



## HYPERMUSH

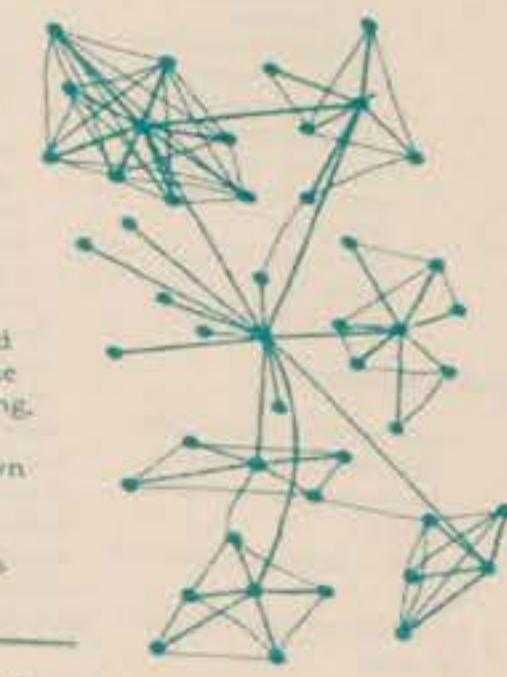
What is the difference between http(s) and p2p?

- http → you visit locations that serve files (e.g. you visit the url of a page and that page splits back the content [- files] contained in that page).
- p2p → you visit files directly

## LAN vs Blockchain



RAND Corporation, a nonprofit think tank working for the United States Air Force, asks the question: would the USA's communications infrastructure withstand a nuclear assault?



(b) Decentralized. (c)

Why not have a small, decentralised, distributed nodes model, rather than always having a planetary synchronised ledger (aka blockchain)?

## MUSH

Rules in order to take part in the hypermush dungeon game.

### intro

- what is a mud → multi-user dungeon



hyper-formal\_visual\_rethoric \* XOXO

← → C Sicher https://workshopproject.wiki/hyper-formal\_visual\_rethoric

Search the wiki or make a new article Edit this page | Rename Page | History | Admin | Log Out

**Missing Of Things**

LINKS:

The Story of OJ by Jay-Z\*  
<https://youtu.be/RM7lw0Ovzq0>

Lemonade / Beyonce\*

Trendlist  
<http://trendlist.org/>

"There are these two young fish swimming along, and they happen to meet an older fish swimming the other way, who nods at them and says, "Morning, boys, how's the water?" And the two young fish swim on for a bit, and then eventually one of them looks over at the other and goes, "What the hell is water?"

<https://en.wikipedia.org/wiki/Historiography>  
design a historiography,  
To design methods of recording and transmission  
**Historiography** is the study of the methods of historians in developing history as an academic discipline, and by extension is any body of historical work on a particular subject.

The shape of time.  
Kubler

"A carefully reasoned and brilliantly suggestive essay in defense of the view that the history of art can be the study of formal relationships, as against the view that it should concentrate on content and meaning."

Chat 0

Menu

# Why are the authors of the books I read so white, so male, so eurocentric?

– Feminist Search Tool – a conversation piece

Gloria Wekker

Search \*

Hackers & Designers  
[hackersanddesigner.nl](http://hackersanddesigner.nl)  
[github.com/hackersanddesigners](https://github.com/hackersanddesigners)