Hardwear.io USA 2022
Hardware CTF v4

Philippe Teuwen @doegox
Philippe Azalbert @Phil_BARR3TT

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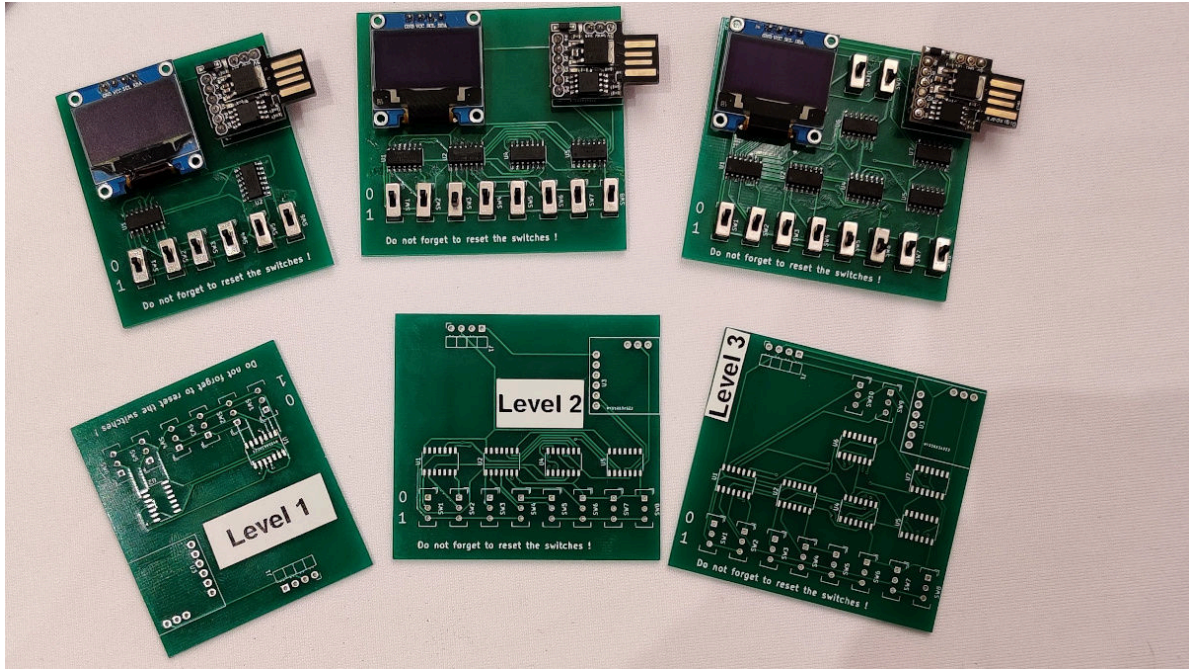
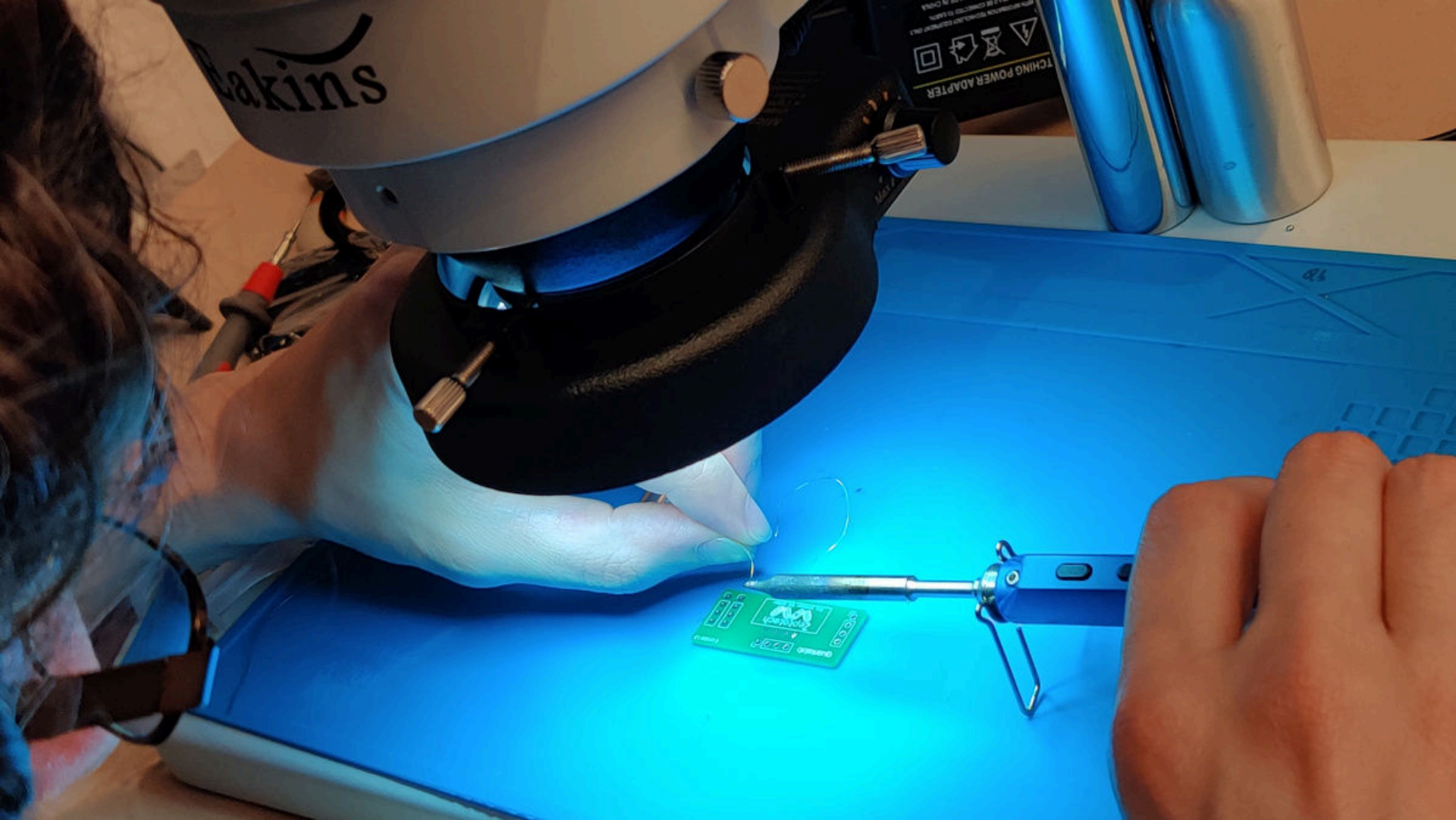
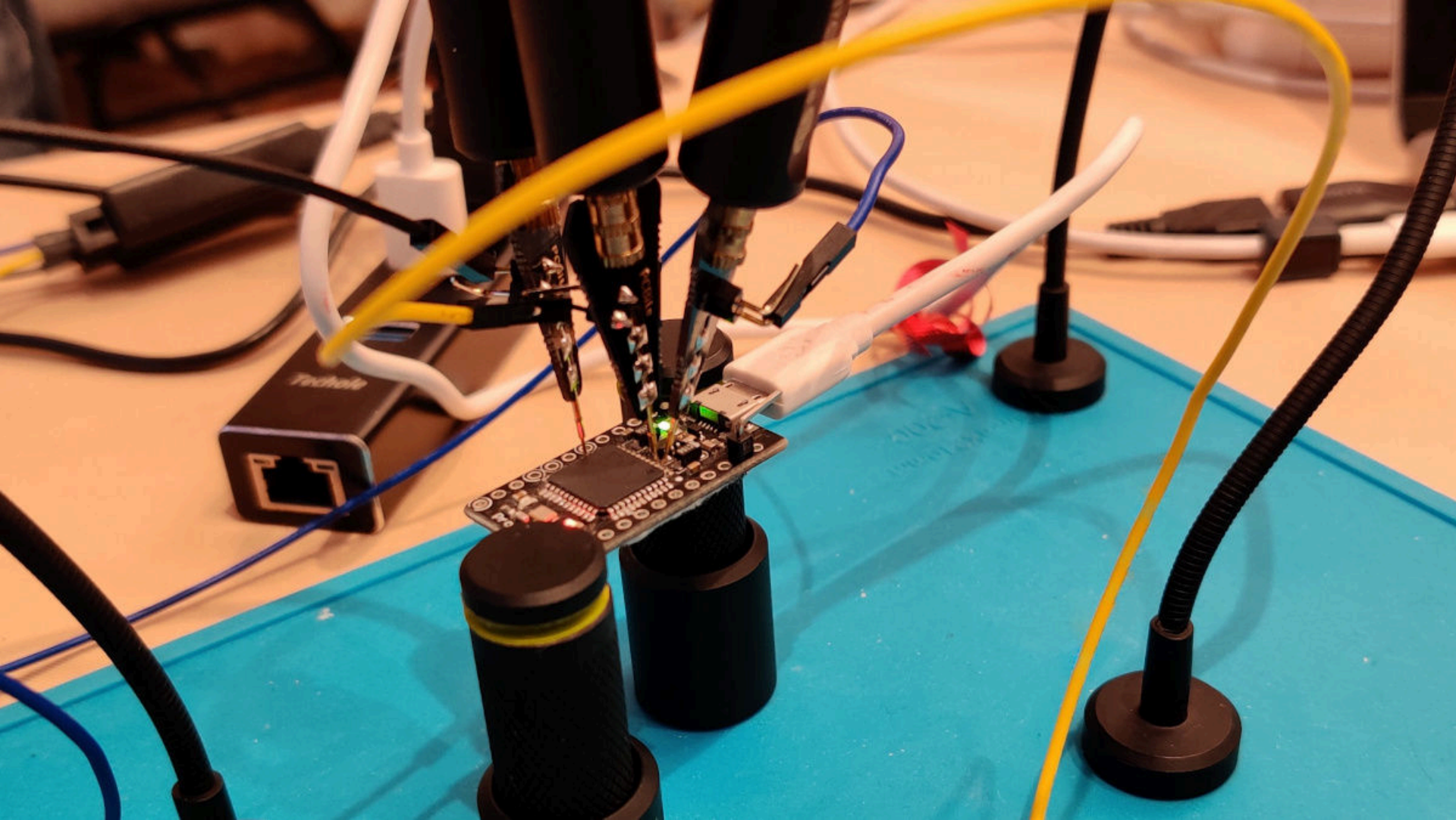
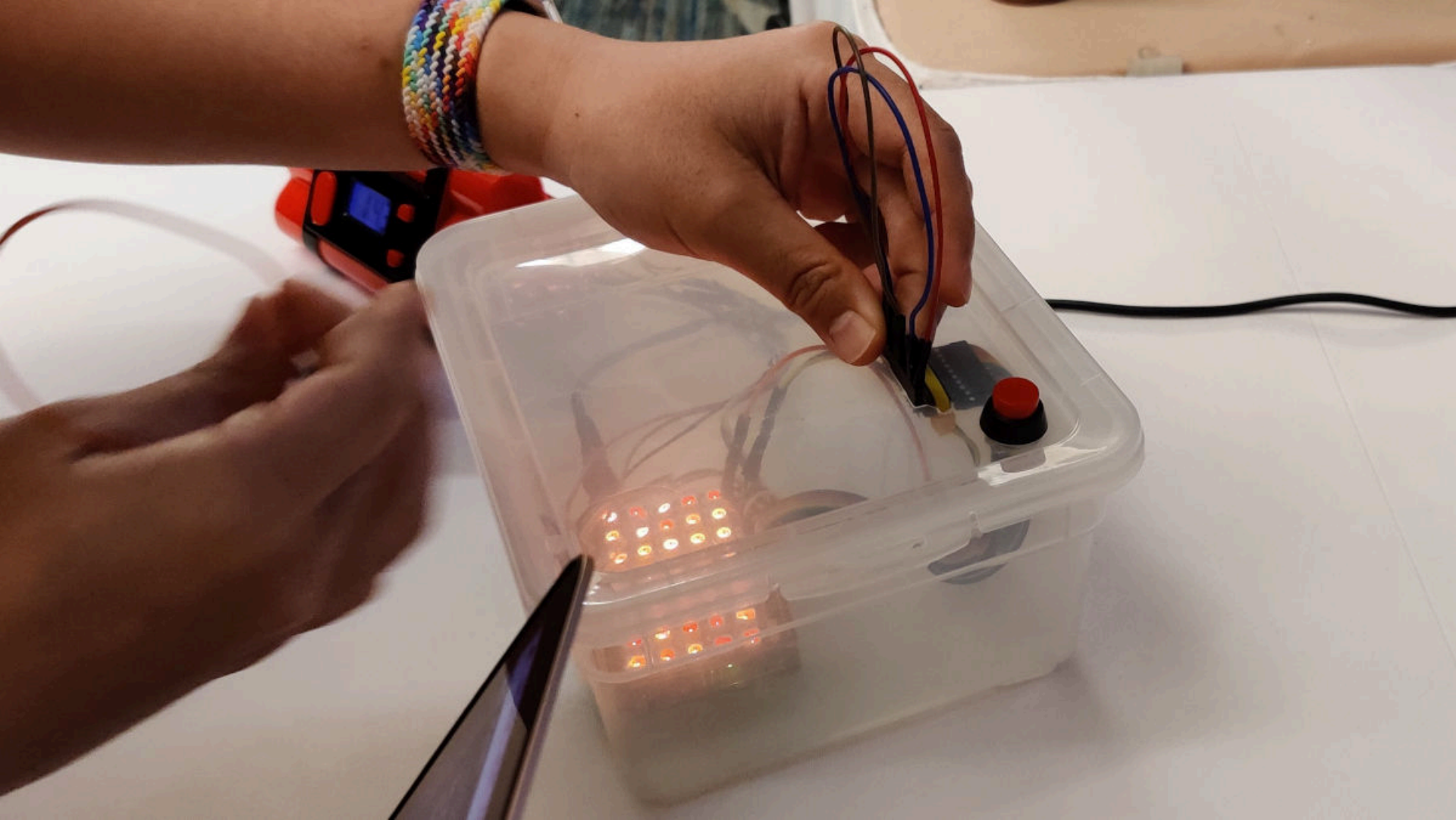
CHALLENGES


Level 1
Level 2
Level 3
Do not forget to reset the switches !

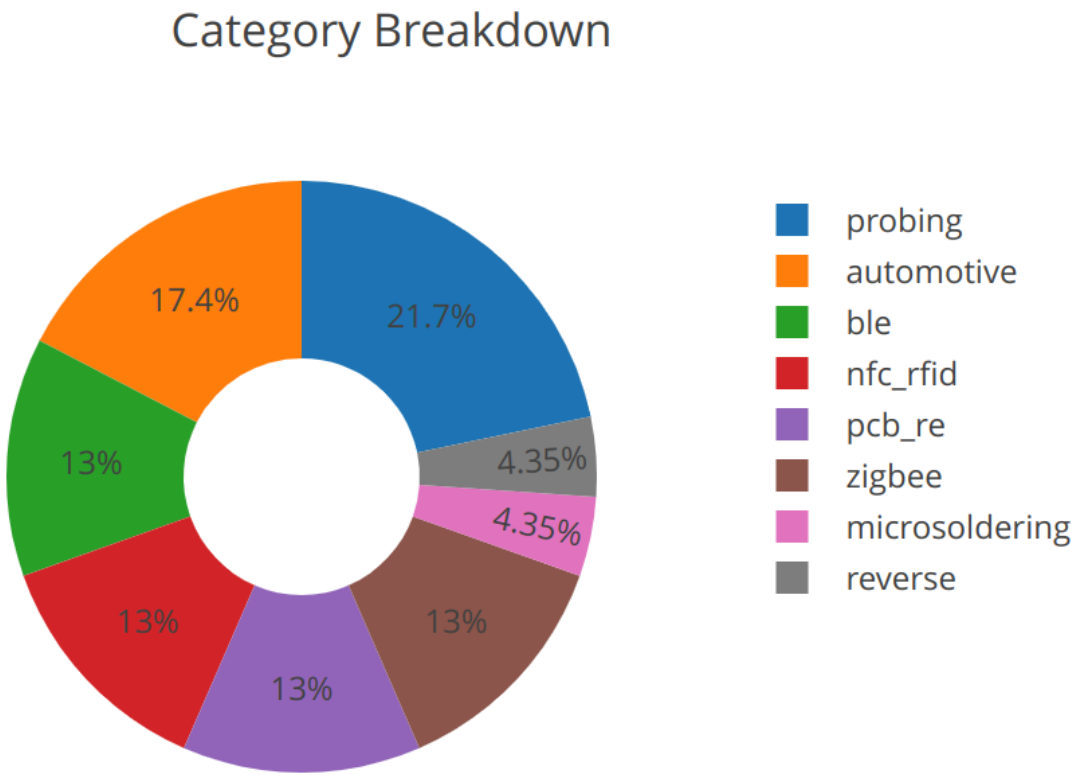
THIS IS FINE.
SECURITY
CIRCUS


Eakins





CHALLENGES


Category Breakdown
17.4%
21.7%
13%
4.35%
4.35%
13%
13%
13%
probing
automotive
ble
nfc_rfid
pcb_re
zigbee
microsoldering
reverse

Make people
learn useful skills

Make people have fun

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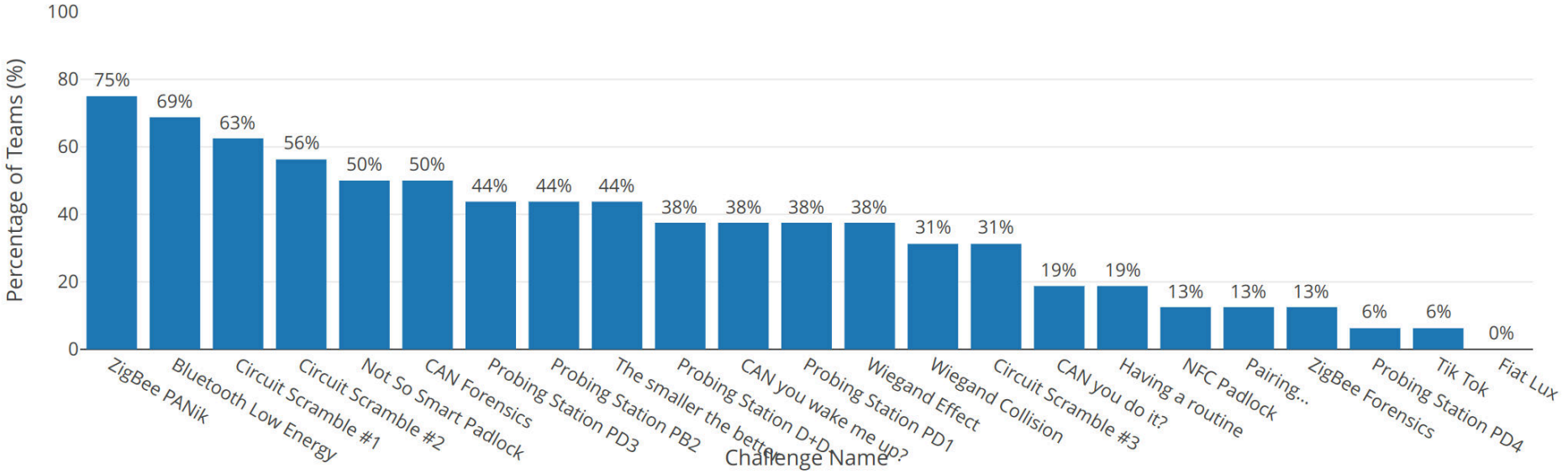
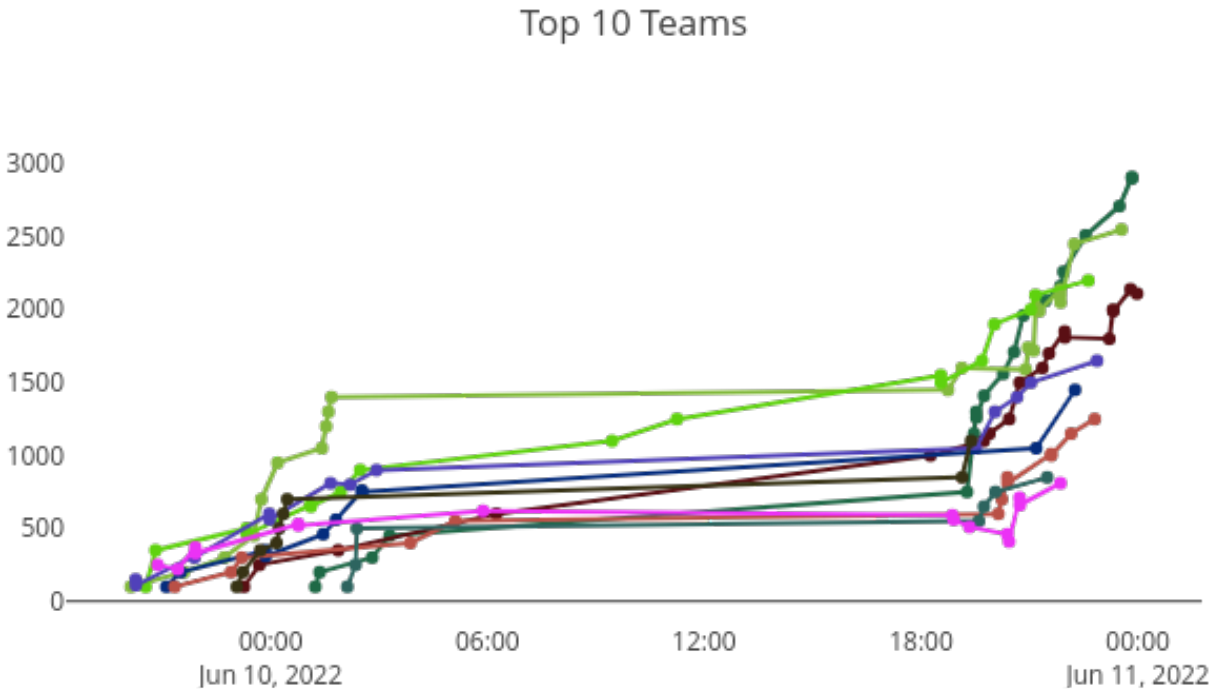
CTF STATS


Percentage of Teams (%)
100
80
60
40
20
0
75%
69%
63%
56%
50%
50%
44%
44%
44%
38%
38%
38%
38%
31%
31%
19%
19%
13%
13%
13%
6%
6%
0%
ZigBee PANik
Bluetooth Low Energy
Circuit Scramble #1
Circuit Scramble #2
Not So Smart Padlock
CAN Forensics
Probing Station PD3
Probing Station PB2
The smaller the bett...
Probing Station D+D...
CAN you wake me up?
Probing Station PD1
Wiegand Effect
Wiegand Collision
Circuit Scramble #3
CAN you do it?
Having a routine
NFC Padlock
Pairing...
ZigBee Forensics
Probing Station PD4
Tik Tok
Fiat Lux
Challenge Name

SOLVED CHALLENGES : 22/23



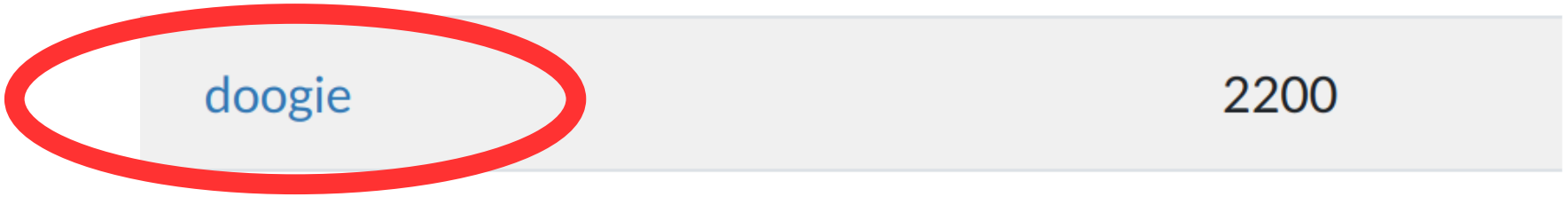
PRIZES BY LEVIATHAN SECURITY GROUP

Winner	• **Oculus Quest 2** • **Ledger Wallet** • **Saleae logic pro 8** • **Soldering iron TS80P** • **Hardware Hacking Handbook**
Second place	• Oculus Quest 2 • Ledger Wallet • Opensource oscilloscopes DS211 • Electric Screwdriver Wowstick 1F+ • Hardware Hacking Handbook
Third place	• Opensource oscilloscopes DS211 • Soldering iron TS80P • Hardware Hacking Handbook

THIRD PLACE

Place	Team	Score
3	doogie	2200

HIGHEST INDIVIDUAL SCORE



SECOND PLACE

Place	Team	Score
2	aquatic moose	2550
3	doogie	2200

FIRST PLACE

Place	Team	Score
1	Riscure	2900
2	aquatic moose	2550
3	doogie	2200

Thank you

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