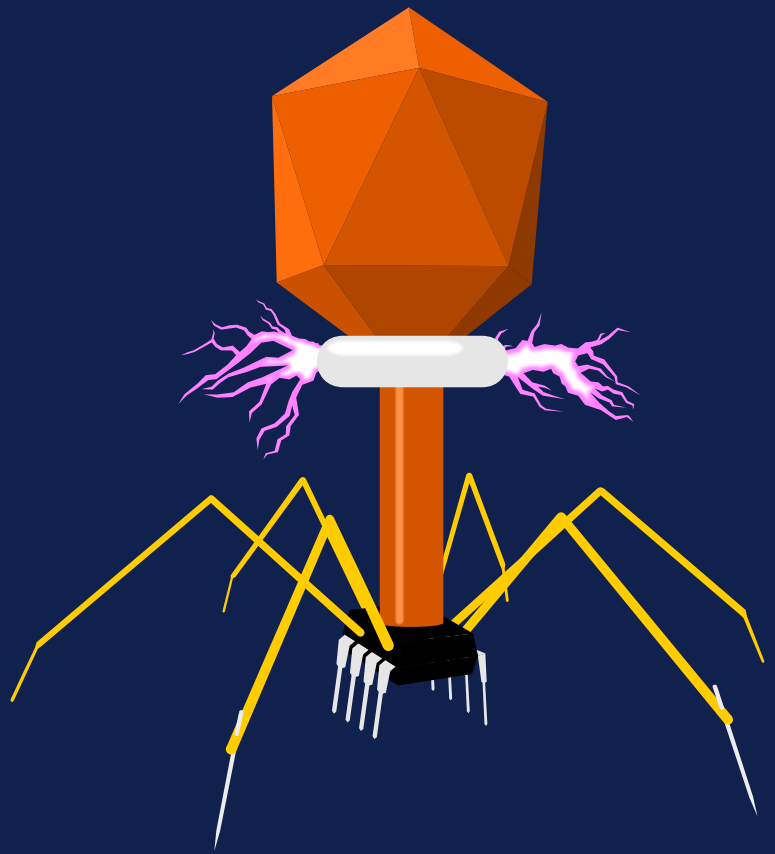
Hardwear.io USA 2024
Hardware CTF v6

Alexandre Chazal @alx_czl
Philippe Teuwen @doegox



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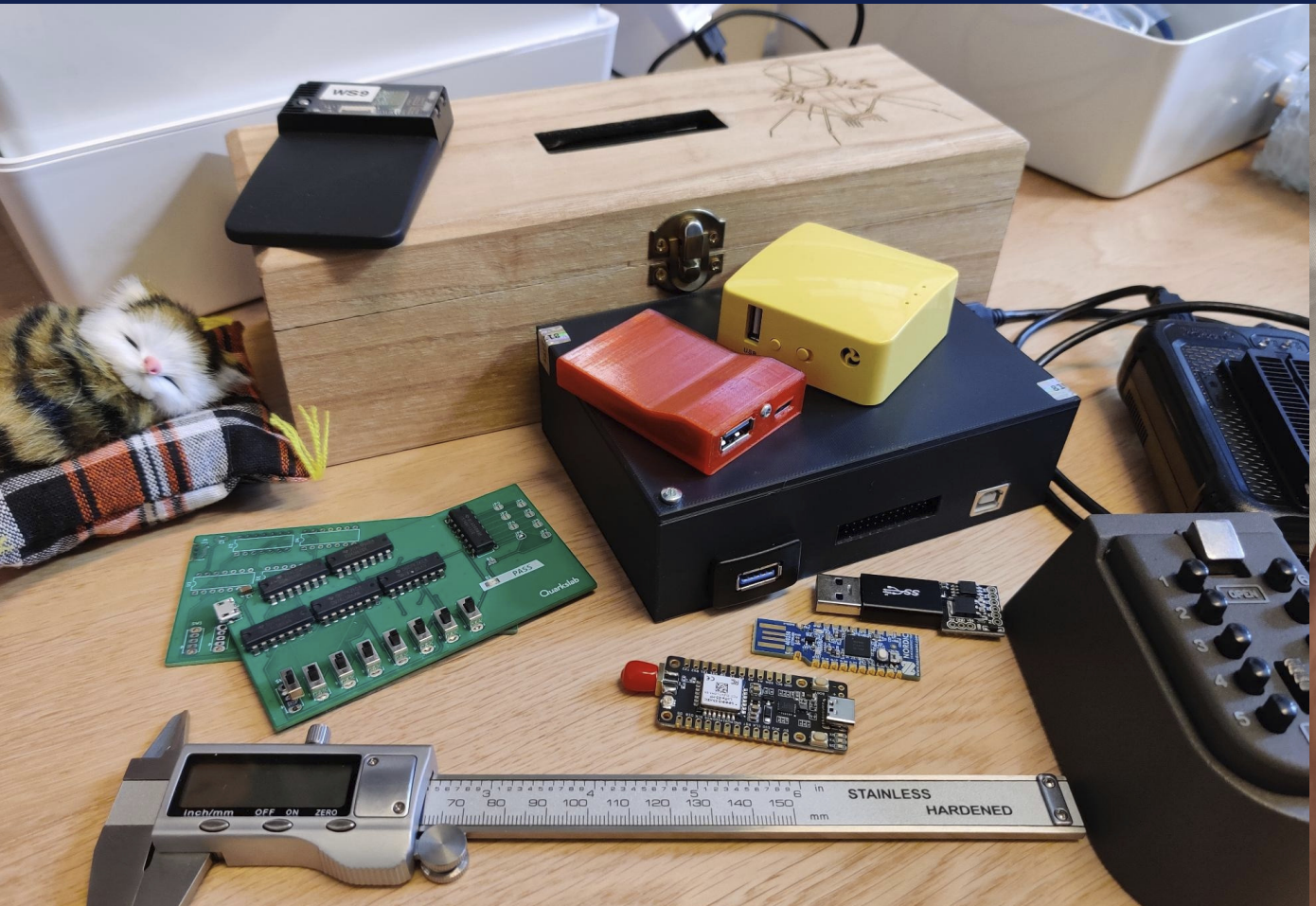
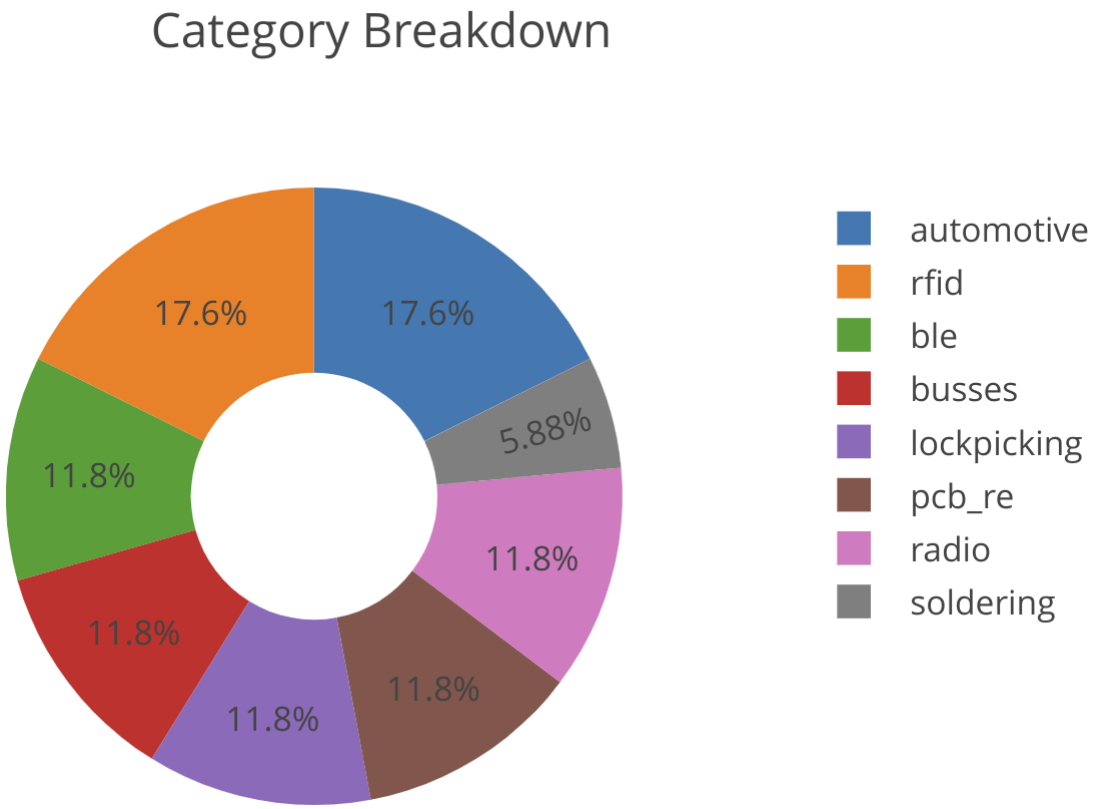
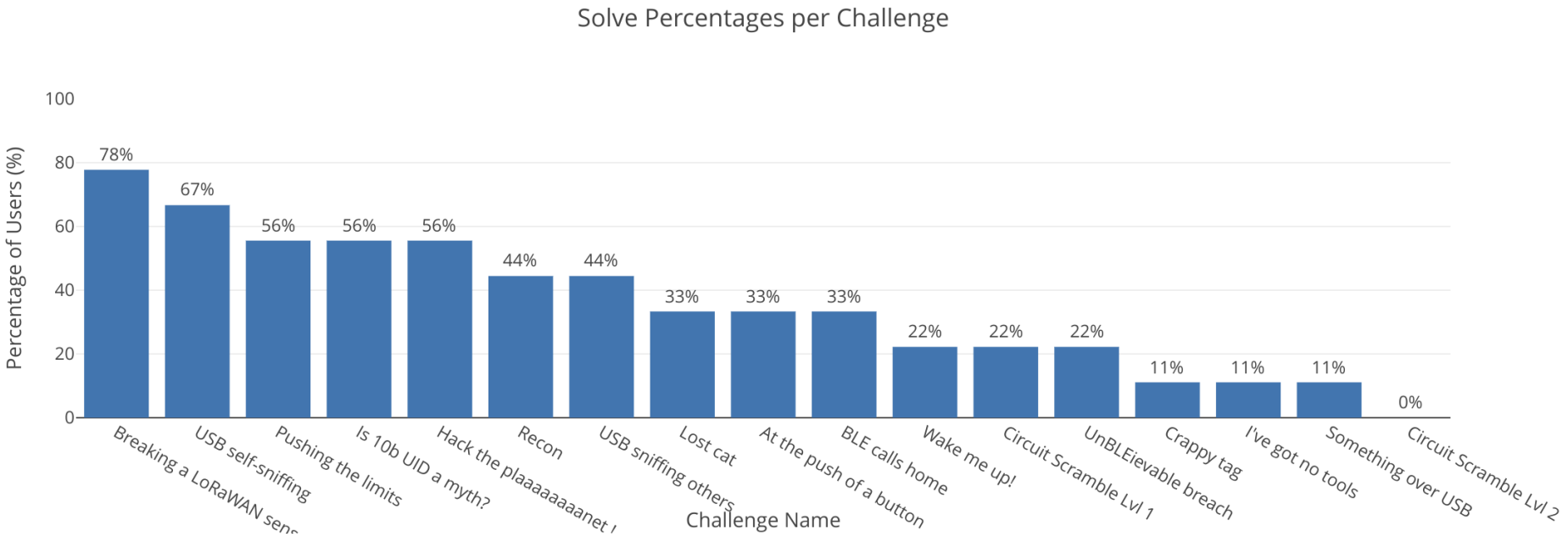
https://hwctf.quarkslab.com
Viasat
Viasat

CHALLENGES



CHALLENGES


Category Breakdown
17.6%
17.6%
5.88%
11.8%
11.8%
11.8%
11.8%
11.8%
automotive
rfid
ble
busses
lockpicking
pcb_re
radio
soldering


Solve Percentages per Challenge
Percentage of Users (%)
100
80
60
40
20
0
78%
67%
56%
56%
56%
44%
44%
33%
33%
33%
22%
22%
22%
11%
11%
11%
0%
Breaking a LoRaWAN sens
USB self-sniffing
Pushing the limits
Is 10b UID a myth?
Hack the plaaaaaaaanet I
Recon
USB sniffing others
Lost cat
At the push of a button
BLE calls home
Wake me up!
Circuit Scramble Lvl 1
UnBLEievable breach
Crappy tag
I've got no tools
Something over USB
Circuit Scramble Lvl 2
Challenge Name

Make people
learn useful skills

Make people have fun

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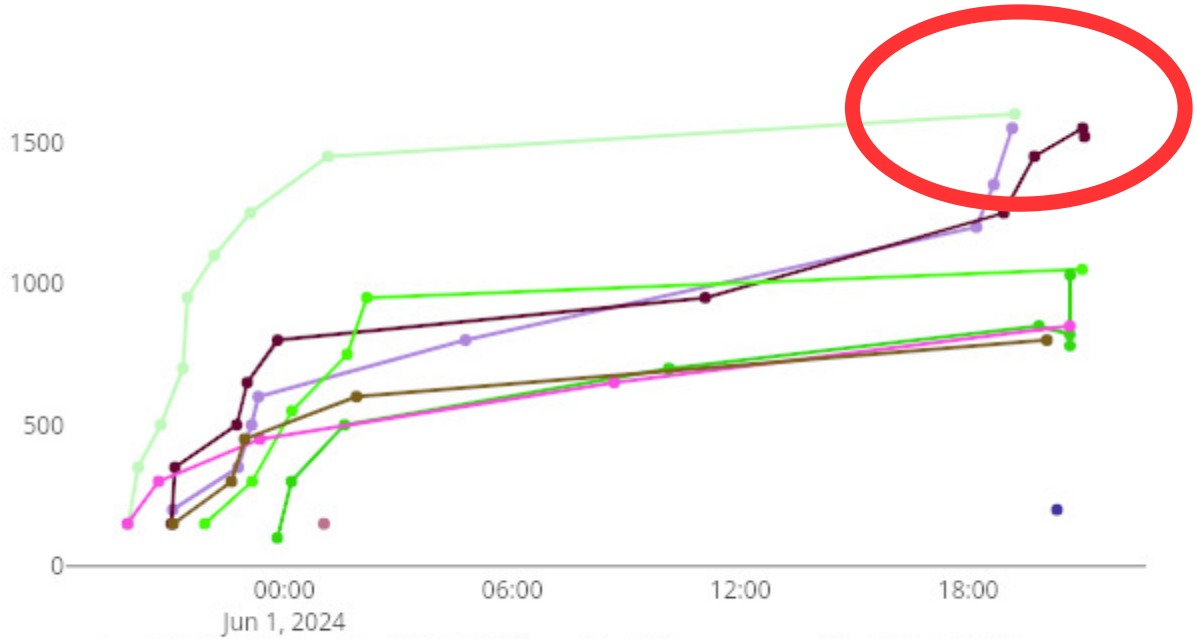
CTF STATS

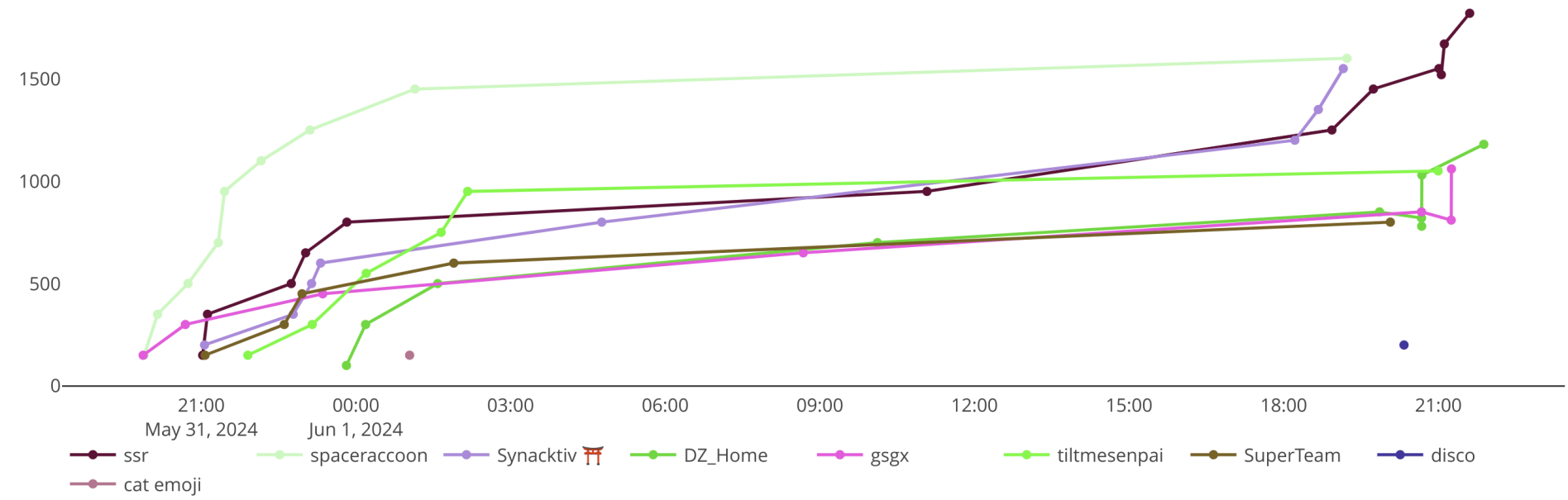
9 teams scored

at least one challenge

H – 1 SCOREBOARD...



SCOREBOARD


1500
1000
500
0
21:00
May 31, 2024
00:00
Jun 1, 2024
03:00
06:00
09:00
12:00
15:00
18:00
21:00
ssr
spaceraccoon
Synacktiv ⛩
DZ_Home
gsgx
tiltmesenpai
SuperTeam
disco
cat emoji

PRIZES BY

PRIZES BY HARDWEAR.IO

Position	Prizes
Winner	○ Saleae Logic Pro 8 ○ ChipSHOUTER-PicoEMP Kit ○ AR Game Console (Tilt Five)
Second place	○ Saleae Logic Pro 8 ○ Proxmark3 RDV4
Third place	○ Saleae Logic Pro 8 ○ Wowstick Screwdriver

3RD PLACE

Place	Team	Score
3	Synacktiv ⛩	1550

2ND PLACE

Place	Team	Score
2	spaceraccoon	1600
3	Synacktiv ⛩️	1550

1ST PLACE

Place	Team	Score
1	Somerset Recon	1820
2	spaceraccoon	1600
3	Synacktiv ⛩️	1550

Thank you

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