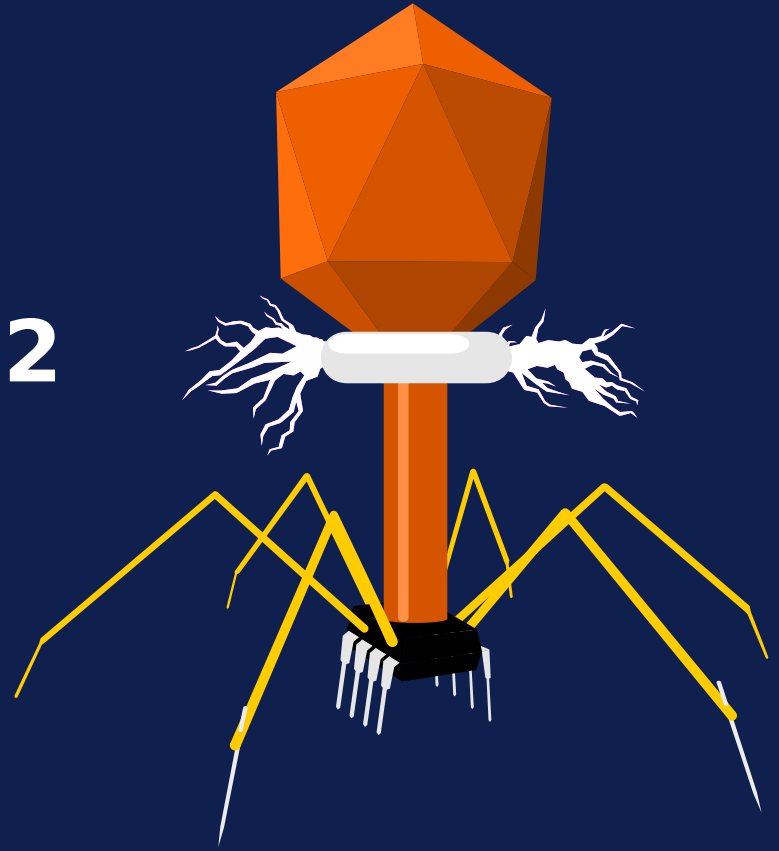


# Hardwear.io NL 2022

## Hardware CTF v5

Gilles Groenendijk	@jilles_com
Damien Cauquil	@virtualabs
Alexandre Chazal	@alx_czl
Philippe Teuwen	@doegox



Quarkslab

# CHALLENGES

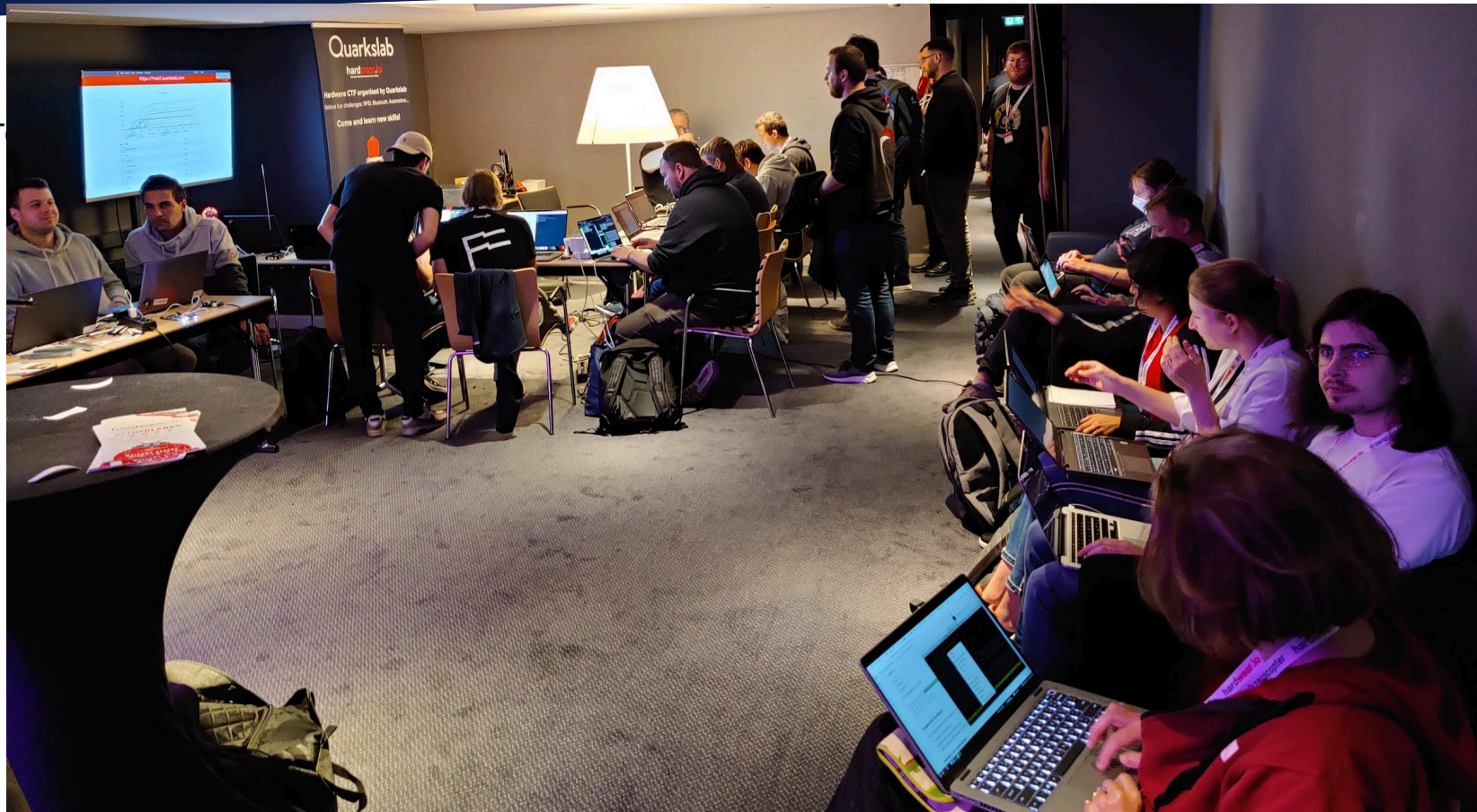




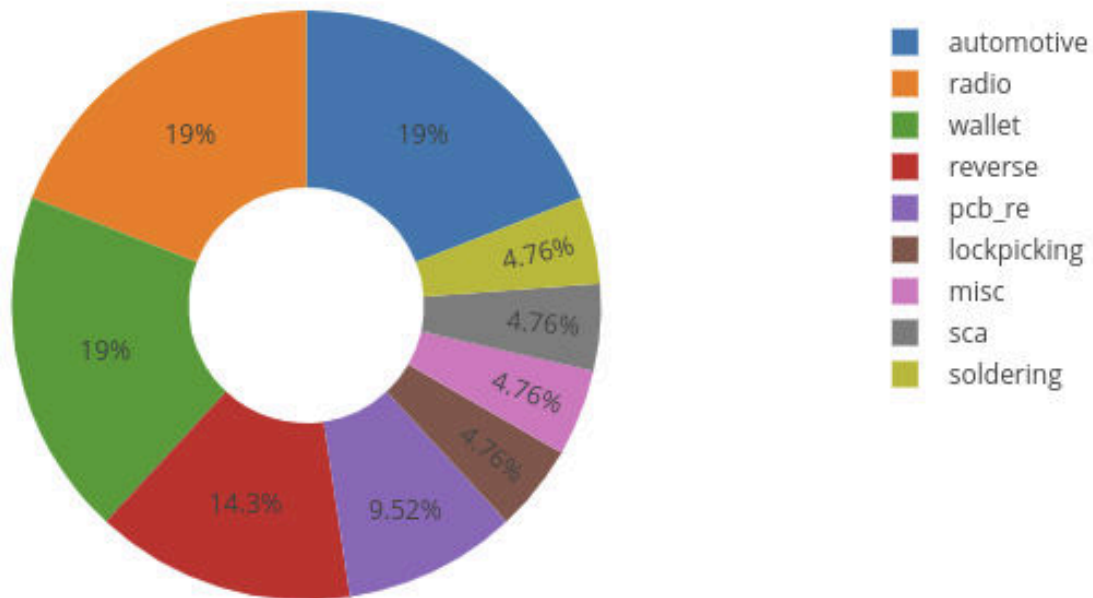
# CHALLENGES



T

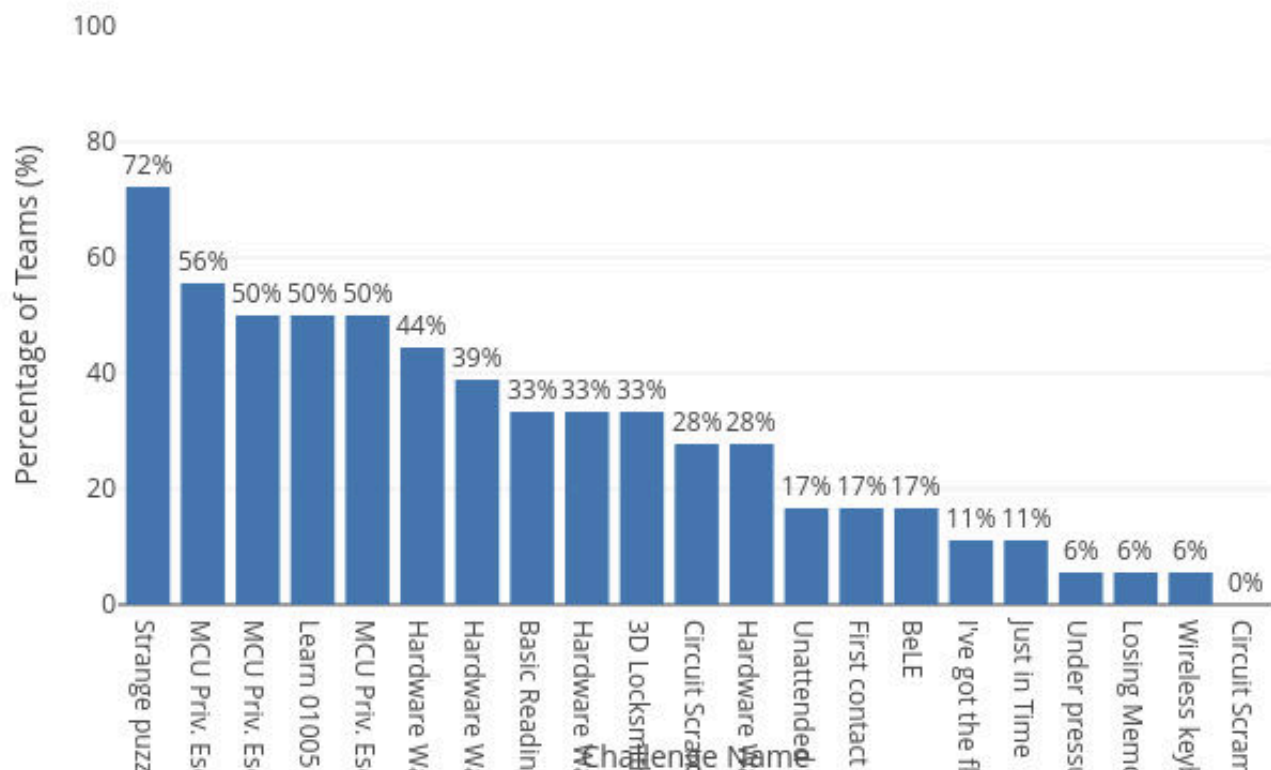


Category Breakdown





## Solve Percentages per Challenge



**Make people  
learn useful skills**

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**Make people have fun**



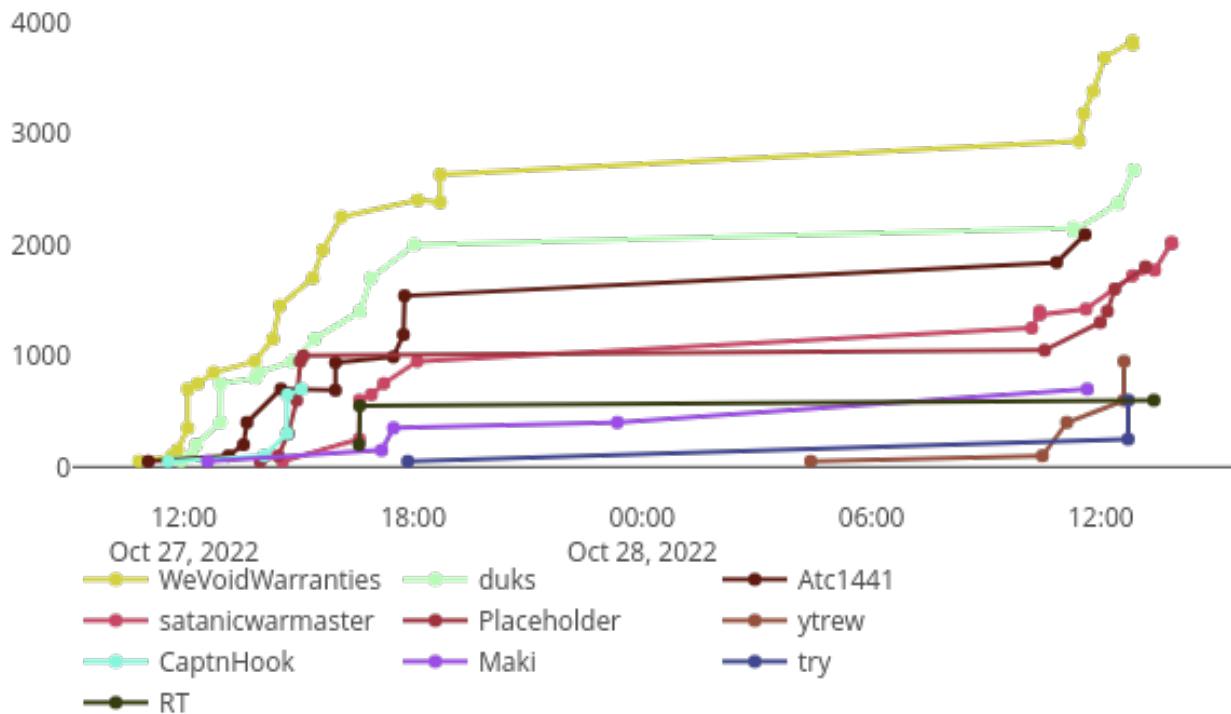
18 teams scored  
at least one challenge

Some oops...

# SOLVED CHALLENGES : 20/21



Top 10 Teams





**PRIZES BY**



**HUAWEI**

# PRIZES BY HUAWEI



Winner	<ul style="list-style-type: none"><li>• Saleae Logic Pro 8</li><li>• FlipperZero</li><li>• Jtagulator</li><li>• Ledger Wallet</li><li>• Soldering iron TS80P</li><li>• Little Black Book of Lockpicking</li></ul>
Second place	<ul style="list-style-type: none"><li>• FlipperZero</li><li>• Ledger Wallet</li><li>• Opensource oscilloscopes DS211</li><li>• Electric Screwdriver Wowstick 1F+</li><li>• Little Black Book of Lockpicking</li></ul>
Third place	<ul style="list-style-type: none"><li>• Opensource oscilloscopes DS211</li><li>• Soldering iron TS80P</li><li>• Lock pick set</li><li>• Little Black Book of Lockpicking</li></ul>

THIRD PLACE



3	Atc1441	2090
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## THIRD PLACE



2 duks

2670

3

Atc1441

2090

## THIRD PLACE



1	WeVoidWarranties	3800
2	duks	2670
3	Atc1441	2090

# Thank you