

Hello



White hat hacker bounty program to improve online security

November 20th, 2015
DefCamp 2015

Cristian Patachia, Orange



**cybersecurity has its place
in our daily activities**

- **public and private hotspots & clouds**
- **(mobile) electronic commerce**
- **governmental applications**
- **prerequisite for modern education**
- **business office Wi-Fi connectivity enabling to BYOD**
- **conferences and special events**
- **enabler for connected Internet of Things**

**observe, anticipate, simplify and
build for future needs**

58%

of citizens in Bucharest
using the internet daily

63%

companies believe cloud
can improve their agility

40%

of shoppers in Romania
rely on Wi-Fi

4x

more Wi-Fi traffic vs.
cellular traffic in the world

61%

of employees want to
reduce their commute time

1.5bn

smartphone users
worldwide

Romanian companies feel protected but are they?

Less than ¼ of interviewed companies believe they face a cybersecurity risk

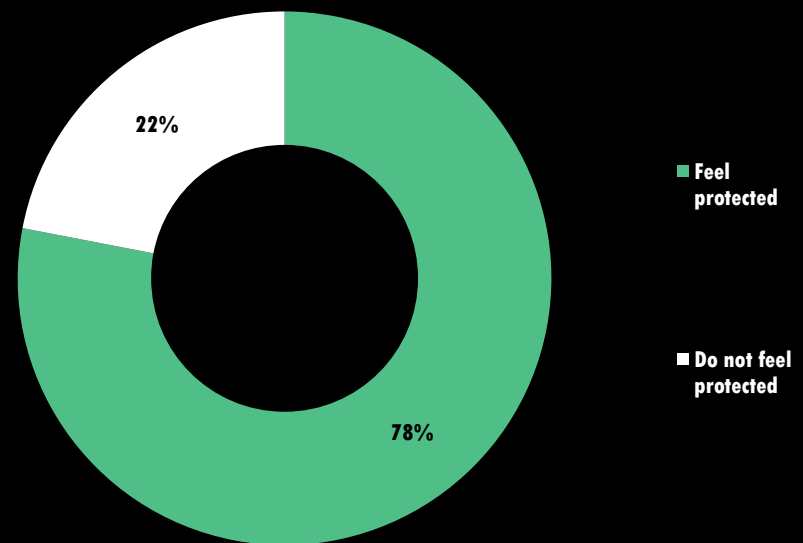
30% do not secure their Wi-Fi network. At all.

43% do not scan traffic for malware

50% have no application control systems

63% have no DDoS protection

83% do not employ 2FA for VPNs



**Control and
security over
the Internet**

Business Internet Security

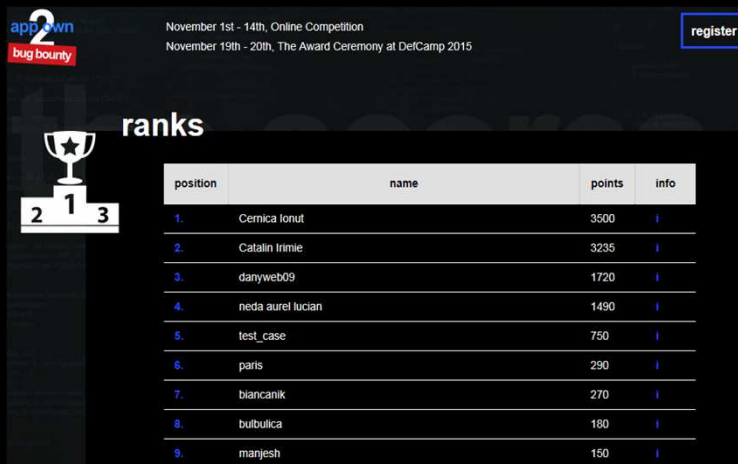
**Block viruses
and attacks,
control the
content and
applications**

**Dedicated
security
expert**



ethical hacking and co-innovation for a safer online experience

Orange Bug Bounty



app2own
bug bounty

November 1st - 14th, Online Competition
November 19th - 20th, The Award Ceremony at DefCamp 2015

register

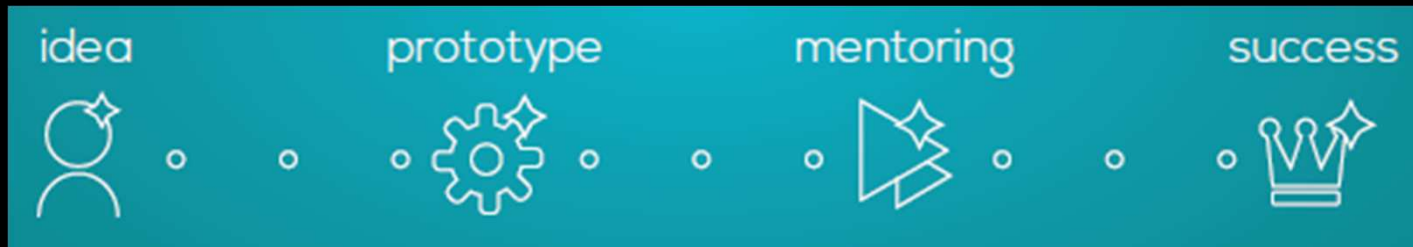
ranks

position	name	points	info
1.	Cernica Ionut	3500	i
2.	Catalin Irimie	3235	i
3.	danyweb09	1720	i
4.	neda aurel lucian	1490	i
5.	test_case	750	i
6.	paris	290	i
7.	biancanik	270	i
8.	bulbulica	180	i
9.	manjesh	150	i

Innovation Labs



Innovation Labs start-up pre-accelerator



**pre-accelerator program role
and benefits for the high tech ecosystem**

- attract young people towards **entrepreneurship**
- cultivate a **tech driven culture**
- empower young tech students and graduates with **product management skills** and experience
- substantial boost in **new tech ideas** and **start-ups**

Innovation Labs 2015

figures and facts



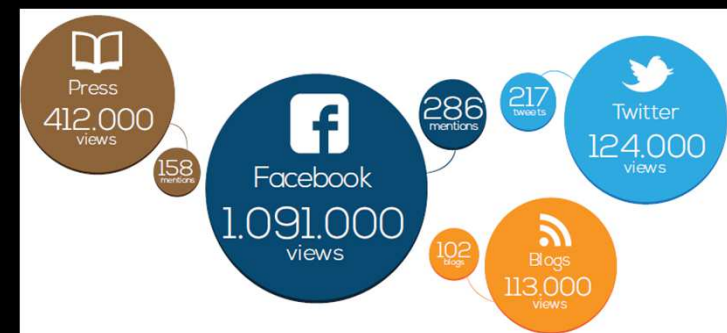
HACKATHON

<http://vimeo.com/123084741>



DEMO DAY

<http://vimeo.com/131412485>



COODA Intelligence Innovation Labs 2015 security start-up

one of the founders won the D-CTF
from 2013 with team Hexcellents

Innovation Labs 2015 award used to
finance 3 months of product
development

in PoC with their first customer



Innovation Labs 2016

main tracks



RETAIL



CYBER
SECURITY

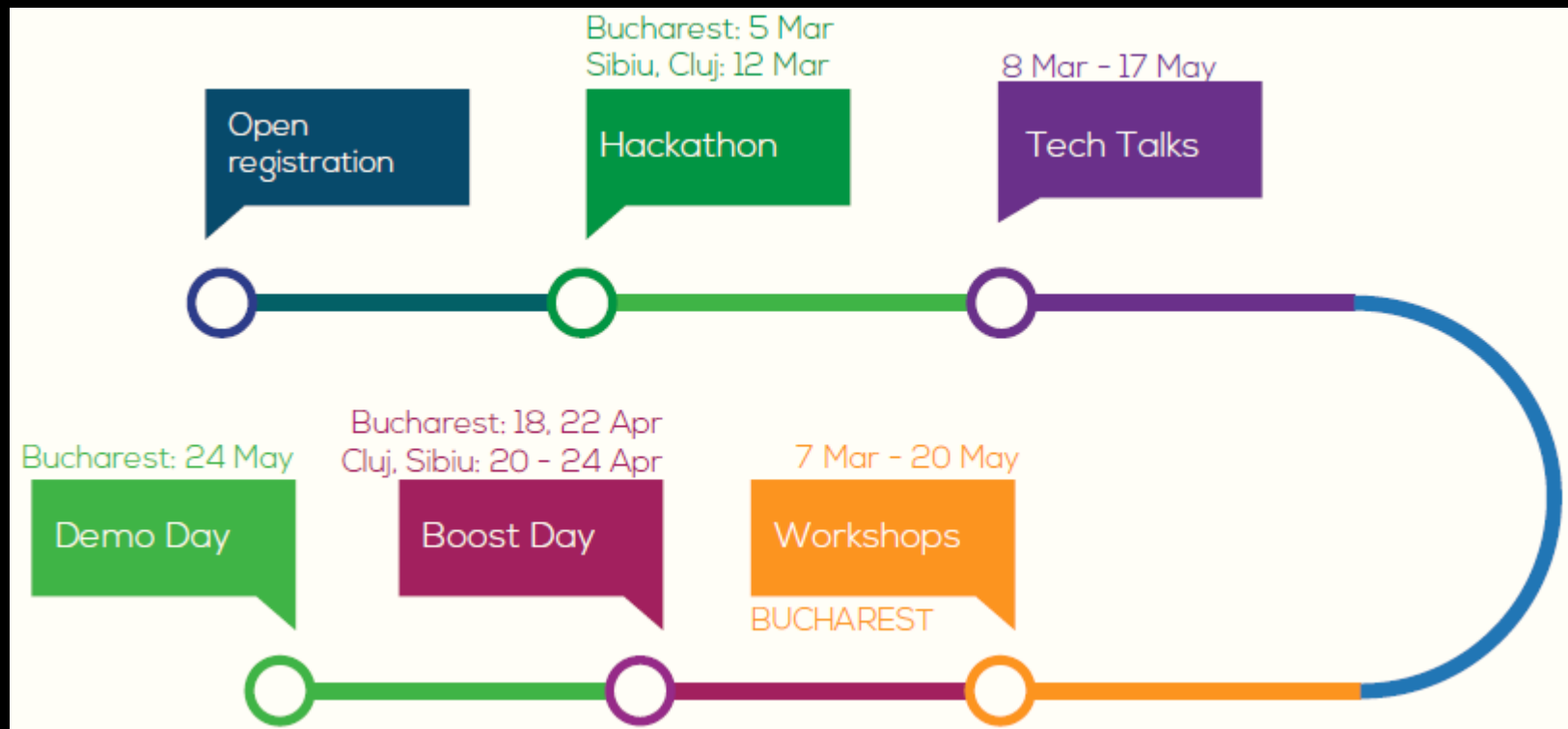


HEALTH &
LIFESTYLE



AGRICULTURE

Innovation Labs 2016 timeline



Innovation Labs 2016 hackathons



95 x 1 minute pitches



Crowd voting (50%)
+ Jury selection (50%)



70 teams in a 24-hour
hackathon



70 x 5 minute
individual tech demos



70 x 3 minute
final pitches



34 selected teams

Innovation Labs 2016 Tech Talks

10 weeks x 2 hours Tech Talks by industry leaders and tech entrepreneurs



Innovation Labs 2016 mentorship

10 weekly mentorship sessions

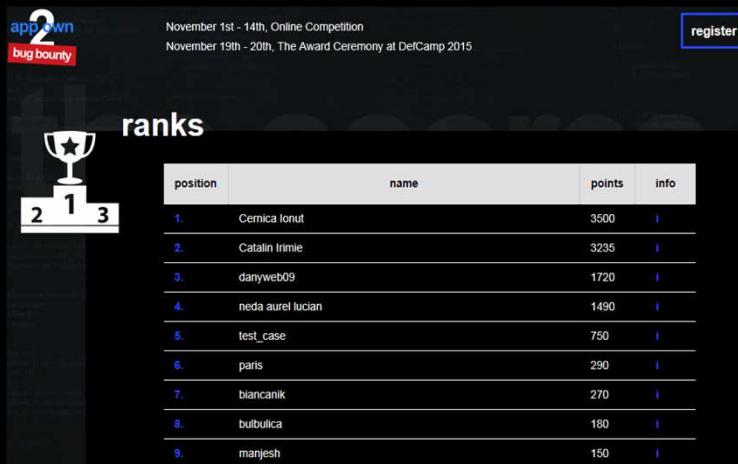


Innovation Labs 2016 boost days and demo day



ethical hacking and co-innovation for a safer online experience

Orange Bug Bounty



The screenshot shows the Orange Bug Bounty competition website. At the top, it says "November 1st - 14th, Online Competition" and "November 19th - 20th, The Award Ceremony at DefCamp 2015". There is a "register" button. Below the header, there is a trophy icon and the word "ranks". A table lists the top 9 participants with their positions, names, points, and a link to their info.

position	name	points	info
1.	Cernica Ionut	3500	i
2.	Catalin Irimie	3235	i
3.	danyweb09	1720	i
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Innovation Labs



Orange Bug Bounty program
for a safer online environment

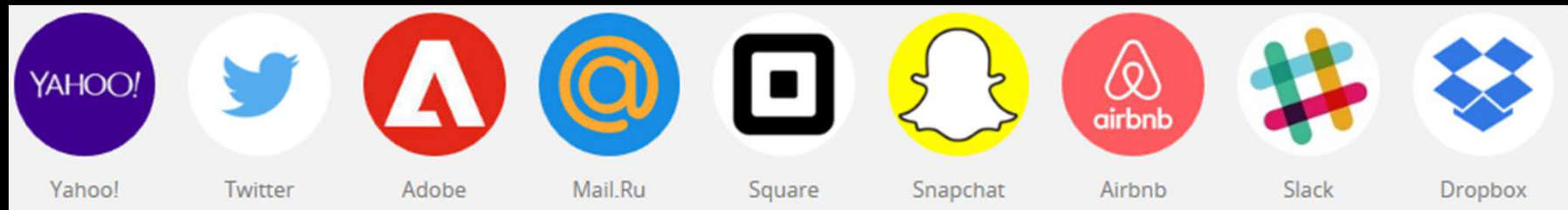
Orange Bug Bounty program to test and improve the
accuracy of the **cybersecurity solutions**

white hat hacker one who enjoys the intellectual
challenge of creatively overcoming limitations

vulnerabilities identification and **responsible disclosure**

bug bounty in the world
modern security is hacker-powered

Top Companies work with Hackers



14,760
Bugs Fixed

\$5.06M
Bounties Paid

2,039
Hackers Thanked

113
Public Programs

first Orange Bug Bounty challenge managed within DefCamp 2015

- **Nov 1st to Nov 14th**
- **95 registered people**
- **15 participants scored**
- **112 received reports**
- **71 validated reports**
- **11,995 total points**

vulnerability type	base points
SQL Injection	300
Cross Site Scripting	200
Shell Upload	350
Cross Site Request Forgery	100
Insecure Direct Object Reference	250
Full Path Disclosure	50
Local File Inclusion	200
Remote Code Execution	400
Malware Upload	50

DefCamp 2015 bug bounty winners to share their experience



position	name	points
1.	Cernica Ionut	3500
2.	Catalin Irimie	3235
3.	danyweb09	1720

takeaways
that might be useful

Orange Bug Bounty challenges will continue
<http://def.camp>

join us in **Innovation Labs 2016**
<http://www.innovationlabs.ro>

Thanks.

**We are here for you.
We're listening.**

