Welcome to the 13TH HACK.LU in Luxembourg | 17-19 October 2017

Hack.lu *is an open convention/conference where people can discuss about* ***computer security, privacy, information technology*** *and* ***its cultural/technical*** *implication on society.*

It's the ***13th edition (17-19 October 2017) of hack.lu in Luxembourg.***

Part of CYBERSECURITY week 16-21 OCTOBER 2017 LUXEMBOURG LET'S MAKE IT HAPPEN

TALKS & SPEAKERS

TIME	TUESDAY	WEDNESDAY	THURSDAY
8:00	--	**Hiding in Plain Sight: Qadars, a Notoriously Sophisticated Crimeware Trojan** (Raashid Bhat)	**The Struggle: dealing with language designers & maintainers on proper use of CSPRNGs** (Aaron Zauner)
8:45	**Myths and realities of attribution manipulation** (Félix Aimé, Ronan Mouchoux)	**Keynterceptor: Press any key to continue** (Niels van Dijkhuizen)	**Automation Attacks at Scale** (Will Glazier, Mayank Dhiman)
9:30	**Snuffleupagus - Killing bugclasses in PHP 7, virtual-patching the rest** (Sébastien (blotus) Blot, Thibault (buixor) Koechlin, Julien (jvoisin) Voisin)	**A view into ALPC-RPC** (Clement Rouault, Thomas Imbert)	**Front door Nightmares. When smart is not secure** (ObiWan666)
10:15	REFRESHMENT BREAK		
10:30	**Randori, a low interaction honeypot with a vengeance** (Bouke van Laethem)	**How I've Broken Every Threat Intel Platform I've Ever Had** (And Settled on MISP) (John Bambenek)	**What is the max Reflected Distributed Denial of Service (rDDoS) potential of IPv4?** (Éireann Leverett, Aaron Kaplan)
11:15	**KEYNOTE** **Queer Privacy & Building Consensual Systems** (Sarah Jamie Lewis)	**KEYNOTE** **Infosec and failure**	**KEYNOTE** **Information Flows and Leaks in Social Media** (Vladimir Kropotov, Fyodor Yarochkin)
12:00	LUNCH		
13:00	LIGHTNING TALKS	**The untold stories of Hackers in Detention** (Aaron, JKT)	LIGHTNING TALKS + CTF CONTEST AWARDS
13:30	**ManaTI: Web Assistance for the Threat Analyst, supported by Domain Similarity** (Raúl B. Netto)	**Sigma - Generic Signatures for Log Events** (Thomas Patzke)	**On Strategy** (Eleanor Saitta)
14:15	**Let's Play with WinDBG & .NET** (Paul Rascagneres)	**SMT Solvers in the IT Security - deobfuscating binary code with logic** (Thaís Moreira Hamasaki)	**Digital Vengeance: Exploiting Notorious C&C Toolkits** (Waylon Grange)
15:00	**Device sensors meet the web - a story of sadness and regret** (Lukasz Olejnik)	**Network Automation is not your Safe Haven: Protocol Analysis and Vulnerabilities of Autonomic Network** (Omar Eissa)	**Are your VoLTE and VoWiFi calls secure?** (Sreepriya Chalakkal)
15:45	REFRESHMENT BREAK		
16:00	**Malicious use of Microsoft "Local Administrator Password Solution"** (Maxime Clementz, Antoine Goichot)	**API design for cryptography** (Frank Denis)	**Bug hunting using symbolic virtual machines!** (Anto Joseph)
16:45	**The Bicho: An Advanced Car Backdoor Maker** (Sheila Ayelen Berta, Claudio Caracciolo)	**WTFrance ?! Cryptography and legislation in France** (Okhin)	**Vulnerability Disclosure, Governments and You** (Jeroen van der Ham)
17:30	**Countering Security Threats by Sharing Information: Emerging Civil Society Practices** (Becky Kazansky)	**In Soviet Russia, Vulnerability Finds You** (Inbar Raz)	**TIDS: A Framework for Detecting Threats in Telecom Networks** (Alexandre De Oliveira, Cu D. Nguyen)
18:15	**Intel AMT: Using & Abusing the Ghost in the Machine** (Parth Shukla)	**Hospitals and infosec (the consequences of bad security in health care)** (Jelena Milosevic)	**Applying bug hunters methodologies to your organisation, lessons from the field.** (Paul Amar)
19:15	--	--	**Kick-off for Open Source Security Software Hackathon** which takes place on **Friday 20 October 2017**
20:00	--	LIGHTNING TALKS	--

WORKSHOP AGENDA

TIME	HOLLENFELS	ECHTERNACH - DIEKIRCH
TUESDAY 17 OCTOBER 2017		
13:00	LIGHTNING TALKS	
13:30	Reverse Engineering a (M)MORPG (Antonin Beaujeant) **ca. 6h**	Mobile Security workshop (Frank Spiering, Arthur Donkers) **ca. 6h**
15:45	REFRESHMENT BREAK	
16:00	Workshop continued	
19:15	End of workshop	
WEDNESDAY 18 OCTOBER 2017		
9:30	SAP Pentest - From outside to company salaries tampering (Yvan Genuer) **ca. 3h**	Python and Machine Learning (Sébastien Larinier) **ca. 3h**
10:15	REFRESHMENT BREAK	
10:30	Workshop continued	
12:00	LUNCH	
13:00	LIGHTNING TALKS	
13:30	Getting the Most Out of Windows Event Logs (David Szili) **ca. 4h**	Hacking the Warrant: A workshop on LEA CNE (Scarlet Kim, Éireann Leverett)
15:45	REFRESHMENT BREAK	
16:00	Workshop continued	**Lockpicking workshop** (Walter Belgers)
18:00	End of workshop	
THURSDAY 19 OCTOBER 2017		
8:45	ManaTI: Web Assistance for the Threat Analyst, supported by Domain Similarity (Raúl B. Netto) **ca. 2h**	Malware analysis made easy with Volatility plugins (Thomas Chopitea) **ca. 3h**
10:15	REFRESHMENT BREAK	
10:30	Workshop continued	
12:00	LUNCH	
13:00	LIGHTNING TALKS	
13:30	Dr. Honeypots - How I Learned to Stop Worrying and Know My Enemies (and Worms) (Guillaume Arcas)	Threat Intel workshop with MISP and The Hive
15:45	REFRESHMENT BREAK	
16:00	Workshop continued	
18:00	End of workshop	

OPEN SOURCE SECURITY SOFTWARE HACKATHON

Kickoff: **Thursday, 19:15 | Hackathon: Friday, 09:00**

hack.lu brings many security professionals together. We observe that many people and organisations create open source software to support their security activities, ranging from reverse engineering, digital forensic, incident response (DFIR), threat analysis to network security. Many of the security tools are developed on a long-term commitment and they provide viable solutions to improve security globally.

Due to the big success of the first hackathon in May and in order to support the continuity of innovation, development and integration of such open source security tools, **we decided to organise a two-days hackathon after the hack.lu conference in October.**

HACK.LU is organized by

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LUXEMBOURG

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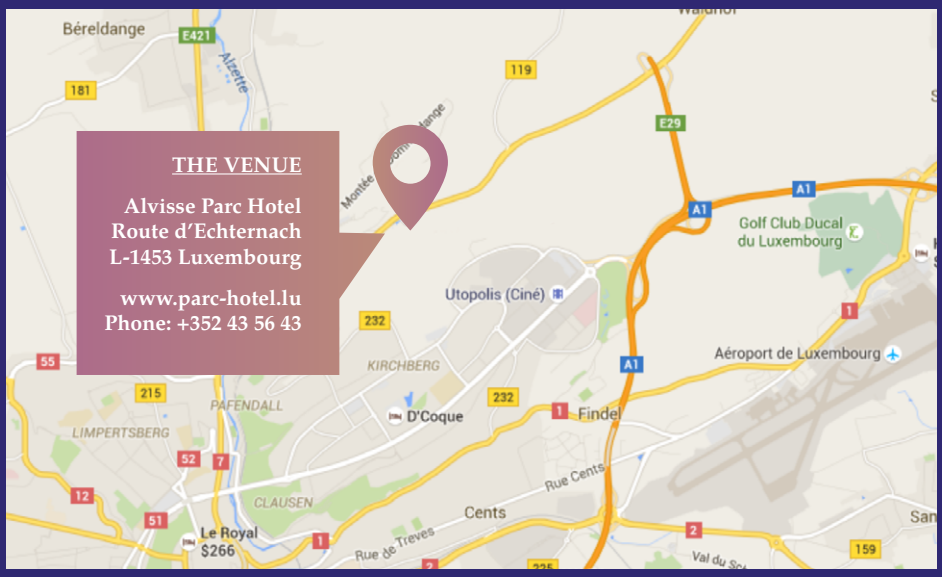

THE VENUE

Alvisse Parc Hotel
Route d'Echternach
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MORE INFORMATION

What is included with your registration:

> Unrestricted access to the whole conference
> Plenary session/Workshops/Barcamp
> Participation to the CTF price contest
> Lunches during the conference
> Coffee breaks and
> Yearly official T-shirt

What to do in Luxembourg?

Check here:
www.visitluxembourg.com/en/whats-on

Thank you very much for supporting the conference!

We'd also like to say thank you to the speakers from all over the world, for your research, your preparation, your willingness to travel, and for presenting your results!

Finally, we appreciate you, our attendants!
Without you the conference wouldn't be possible.
Thank you and we hope you enjoy it!