

# May 21

Development
thrEat reSearch Camp
Tech & Society
Technical Talk
Hands-on Lab
Section
Fast Track

	Hall 1 Archimedes	Hall 2 Bruno	Hall 3 Tesla	Hall 4 Galilei		Hall 5 Mendeleev I	Hall 5 Mendeleev II	Hall 7 Leonardo	Hall 10 Newton	Hall 11 Einstein		
08:00	Registration											
09:15					09:15							
10:00	JavaScript: analyzing dynamics using static <b>Vladimir Kochetkov and Valery Pushkar</b>	The art of persistence: "Mr. Windows... I don't wanna go :(") <b>Sheila Ayelen Berta</b>	SD-WAN security: a new hope <b>Denis Kolegov and Sergey Gordeychik</b>	Hunting threats in the darknet <b>Muslim Koser</b>	10:00	Fuzzing 101 <b>Dhiraj Mishra and Zubin Devnani</b>	Extended training on hacking web applications <b>Mikhail Firstov and Andrey Skuratov</b>	Analyzing network events 20 times faster <b>Moderator: Denis Batrakov</b>	The rest of the iceberg: Focusing on real hacking threats <b>Karsten Nohl</b>			
11:00	SAST, CWE, SEI CERT, and other smart words from the infosec glossary <b>Sergey Khrenov</b>	Reversing cryptographic primitives using quantum computing <b>Renaud Lifchitz</b>	Dynamic host-based firewall: how modern technologies make Netfilter fly <b>Ivan Agarkov</b>	IronPython on the dark side: the silent trio from Croatia <b>Alexey Vishnyakov</b>	11:00							
11:30				Studied, not hacked. Identifying weak systems using open data sources <b>Daniil Smirnov</b>	11:30					From the global digitalization to the new civilization <b>Moderator: Ruslan Makarov</b>	Safe transformation to an unsafe digital life <b>Moderator: Boris Simis</b>	
12:00	.NET deserialization vulns: past, present, and future <b>Mikhail Shcherbakov</b>	Down the rabbit hole: How LSA authentication works, or On the inner workings of Windows security system <b>Artem Sinitsyn</b>	Protecting LAPS: a portal for secure access to local administrators' passwords <b>Nikolay Klendar</b> 2000-day in Safari <b>Anton Lopanitsyn</b> Compromising publicly available databases <b>Ashot Oganesyan</b>	Atomic Threat Coverage: how to ATT&CK <b>Daniil Yugoslavsky and Mikhail Aksenov</b>	12:00					Digital formation: from knowledge economy to digital state <b>Moderator: Evgeny Sakharov</b>	Operation of FSTEC's Data Bank of Information Security Threats <b>Moderator: Vitaly Lyutikov</b>	Day of critical thinking at PHDays <b>Moderator: Vladimir Zapolyansky</b>
13:00	Story of an obstinate teacher <b>Alexander Chernov and Ekaterina Troshina</b>	M33tfinder: disclosing corporate secrets via videoconferences <b>Yamila Vanesa Levalle</b>	Forensics: why there are no perfect crimes <b>Sergey Migalin</b> Underestimated vulnerabilities of modern Android applications <b>Egor Bogomolov</b> LuaRocks vulnerabilities <b>Igor Kanygin and Maxim Duyunov</b> Virtual machines versus evil. Excursus to the history of VMs <b>Nikita Kurganov and Maxim Semenov</b>	Disable "Enable Macros": using OCR to shut down social engineering <b>Ben Herzog</b>	13:00							
14:00	GDPR and security: how to make a GDPR-compliant product <b>Sergey Gorokhov</b>	ARM TrustZone for dummies <b>Tim Hummel</b>	unserialize("s:5:\"again\";") <b>Dmitry Pavlov and Diana Kovalenko</b> Protection against reverse engineering <b>Mikhail Bakalyarov</b>	Another practical way of APT hunting and IR-based on ATT&CK methodology <b>Bowen Pan</b>	14:00		Rapid hardware hacking 101 <b>Arun Magesh</b>					
15:00	GDALR: an efficient model duplication attack on black-box machine learning models <b>Rewanth Cool and Nikhil Joshi</b>	Breaking Microsoft Edge extensions security policies <b>Nikhil Mittal</b>	New ways of prioritizing vulnerabilities in products of vulnerability management solutions vendors <b>Alexander Leonov</b> Using CLR in MS SQL for persistence and finding it <b>Alexander Rodchenko</b>	Deep dive in DFIR of incidents 2018 and 2019 <b>Sergey Golovanov</b>	15:00			Intellectual property rights on datasets, programs, and technologies. How to protect your business from data leaks and prepare to compete <b>Moderator: Holger Zscheyge</b>				
15:30					15:30							
16:00	Upgrade for enterprise security based on big data: from data collection to machine learning analysis <b>Yutai Kim and Seungyeon Han</b>	Basics of threat intelligence <b>Anton Kalinin</b>	Scalable threat modeling via a single reference model and threat library <b>Mikhail Rusakovich</b> One framework to rule them all: a framework for Internet-connected device census <b>Antony Nikolaev</b> C format string vulnerability <b>Igor Sobinov</b>	Abusing delegation mechanisms for domain dominance <b>Egor Podmokov</b>	16:00			Grab for staff: finding and hiring security pros <b>Moderator: Mikhail Savelev</b>				
16:30					16:30							
17:00	Attacks on biometric systems: global and Russian experience of protection <b>Oleg Kovpak</b>	Using big data to expand infosec systems <b>Rustem Mannanov</b>		Using Microsoft Graph API and Office Management API to investigate incidents in Microsoft cloud solutions <b>Kirill Bogdanov</b>	17:00				Do we need to change the paradigm of information security <b>Moderator: Sergey Rysin</b>			

# May 22

Development
thrEat reSearch Camp
Tech & Society
Technical Talk
Hands-on Lab
Section
Fast Track

	Hall 1 Archimedes	Hall 2 Bruno	Hall 3 Tesla	Hall 4 Galilei		Hall 5 Mendeleev I	Hall 5 Mendeleev II	Hall 7 Leonardo	Hall 10 Newton	Hall 11 Einstein	
09:00	Registration										
10:00	Pressing security issues of Android applications <b>Dmitry Tereshin and Nikolay Islamov</b>	A black hole in Java and zero-days pop out <b>Yang Zhang</b>	AI as commodity and a bit of security <b>Sergey Gordeychik</b>	Catching hackers: a story with a moral <b>Artem Semenchenko</b>	10:00	Hack Wi-Fi using ESP32 <b>Egor Litvinov</b>	Extended training on hacking web applications <b>Mikhail Firstov and Andrey Skuratov</b>	Portrait of a malefactor <b>Moderator: Alexey Novikov</b>	Constructive criticism of security solutions and critical approach to constructing them <b>Moderator: Dmitry Sklyarov</b>		
11:00	Automatic audit of security of smart contracts <b>Sergey Prilutskiy</b>	How to fail in hardware hacking <b>Arun Magesh</b>	Exploiting a secure element's virtual machine using forged references <b>Sergei Volokitin</b>	Analyze active directory event logs using visualize and machine learning <b>Tomoaki Tani and Shusei Tomonaga</b>	11:00						
12:00	Application security continuous integration pipeline <b>Alexey Dremmin</b>	Apple, all about MITM <b>Vladimir Ivanov</b>	The fall of CODESYS. Researching security of the framework for PLC control <b>Alexander Nochvay</b>	Mining threats in Namecoin <b>Alexey Goncharov</b>	12:00					Can we change security processes in ICS? <b>Moderator: Andrey Kulpin</b>	Information security and the individual <b>Moderator: Ilya Sachkov</b>
13:00	Establishing secure SDLC <b>Vladimir Sadovsky</b>	GhostTunnel 2.0 <b>Yongtao Wang and Mingchuang Qin</b>	You have a Kubernetes cluster, but no miner on the pods? We're coming to you, then <b>Anton Bulavin</b>	The manual finally read: deep analysis of ReadTheManual banking trojan <b>Nikita Proshin</b>	13:00						
14:00	Early threat modeling together with the development team <b>Alexey Ryzhkov</b>	Evolution of authentication and identity in RHEL 8 <b>Alexander Bokovoy</b>	ML in the daily work of a threat hunter <b>Alexey Taranenko</b>	Hunting cybercriminals around the world <b>Dan Regalado</b>	14:00						
15:00	Informal risk assessment: security risks evident to business and developers <b>Vitaly Katunin</b>		Real-life social engineering. Cybertraining: from CTF through to SOC <b>Moderator: Sergey Neiger</b>	Efficiency in simplicity. Exposing the TaskMasters <b>Denis Kuvshinov</b>	15:00		Active defense using Honeypots v2 <b>Rahul B</b>	Technology trends and their role in life and security <b>Moderator: Egor Nazarov</b>	Future bank: revolution or evolution? <b>Moderator: Oleg Sedov</b>	The StandOff Kids	
16:00	Managing AppSec using metrics <b>Anton Basharin</b>			Once upon a time in the West: a story about DNS attacks <b>Valentina Palacín and Ruth Esmeralda Barbacil</b>	16:00				The landscape of financial cyberthreats: an old dog learned new tricks <b>Moderator: Artem Kalashnikov</b>		
17:00					17:00						