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The sessions were recorded at Black Hat Asia 2019. The recordings are professional, unedited, live recordings that are guaranteed for life.

**PLEASE NOTE:** Recording options may change. Some sessions may be omitted due to speaker or program revisions.

# SESSIONS AVAILABLE

Thursday, March 28th, 2019	Thursday, March 28th, 2019 (contd)	Friday, March 29th, 2019 (contd)
<p><b>001 The Next Arms Race</b> Mikko Hypponen</p> <p><b>002 Office in Wonderland</b> Pieter Ceelen, Stan Hegt</p> <p><b>003 NetSpectre: A Truly Remote Spectre Variant</b> Michael Schwarz, Martin Schwarzl</p> <p><b>004 ACSploit: Exploit Algorithmic Complexity Vulnerabilities</b> Scott Tenaglia</p> <p><b>005 PASTA: Portable Automotive Security Testbed with Adaptability</b> Tutomu Matsumoto, Hisashi Oguma, Tsuyoshi Toyama, Takuya Yoshida</p> <p><b>006 CQTools: The New Ultimate Hacking Toolkit</b> Adrian Denkiewicz, Mike Jankowski-Lorek, Paula Januszkiewicz</p> <p><b>007 How to Survive the Hardware Assisted Control-Flow Integrity Enforcement</b> Jin Liu, Bing Sun</p> <p><b>008 Pwning the Core of IoT Botnets: From a Honeypot to Gigabytes of Botnet Source Code</b> Tan Kean Siong</p> <p><b>009 Keep Everyone In Sync: Effective Approaches Borrowed from Open Source Communities</b> Wang Kang</p> <p><b>010 iOS Dual Booting Demystified</b> Max Bazaliy</p> <p><b>011 Intel VISA: Through the Rabbit Hole</b> Mark Ermolov, Maxim Goryachy</p> <p><b>012 Finally, I Can Sleep Tonight: Catching Sleep Mode Vulnerabilities of the TPM with the Napper</b> Seunghun Han, Jun-Hyeok Park</p> <p><b>013 Preloading Insecurity In Your Electron</b> Luca Carettoni</p> <p><b>014 Investigating Malware Using Memory Forensics - A Practical Approach</b> Monnappa K A</p>	<p><b>015 Winter is Coming Back: Defeating the Most Advanced Rowhammer Defenses to Gain Root and Kernel Privileges</b> Yueqiang Cheng, Surya Nepal, Zhi Wang, Zhi Zhang</p> <p><b>016 Reverse Engineering Custom ASICs by Exploiting Supply-Chain Leaks</b> Thomas Weber</p> <p><b>017 See Like a Bat: Using Echo-Analysis to Detect Man-in-the-Middle Attacks in LANs</b> Yisroel Mirsky</p> <p><b>018 DevSecOp: What, Why and How</b> Anant Shrivastava</p> <p><b>019 The Cost of Learning from the Best: How Prior Knowledge Weakens the Security of Deep Neural Networks</b> Qian Feng, Yunhan Jia, Yantao Lu, Tao Wei, Yulong Zhang, Zhenyu Zhong</p>	<p><b>026 Industrial Remote Controller: Safety, Security, Vulnerabilities</b> Philippe Lin, Akira Urano</p> <p><b>027 Monocerus: Dynamic Analysis for Smart Contract</b> Anh Quynh Nguyen</p> <p><b>028 Automated REST API Endpoint Identification for Security Testing at Scale: How Machine Learning Accelerates Security Testing</b> Azzedine Benameur, Jay Chien An Chen Chen, Lei Ding, Jeffrey Jacob</p> <p><b>029 Return of the Insecure Brazilian Voting Machines</b> Diego F. Aranha</p> <p><b>030 Don't Eat Spaghetti with a Spoon - An Analysis of the Practical Value of Threat Intelligence</b> Charl van der Walt</p> <p><b>031 Who Left Open the Cookie Jar?</b> Gertjan Franken, Tom Van Goethem</p> <p><b>032 Ghosts in a Nutshell</b> Claudio Canella, Moritz Lipp</p> <p><b>033 Using the JIT Vulnerability to Pwn Microsoft Edge</b> Zhenhuan Li, Shenrong Liu</p> <p><b>034 Efficient Approach to Fuzzing Interpreters</b> Marcin Dominiak, Wojciech Rauner</p> <p><b>035 Make Redirection Evil Again - URL Parser Issues in OAuth</b> Wing Cheong Lau, Shangcheng Shi, Xianbo Wang, Ronghai Yang</p> <p><b>036 Decisions and Revisions - The Ever Evolving Face of the Black Hat NOC</b> Bart Stump, Neil Wyler</p> <p><b>037 AcuTherm: A Hybrid Attack on Password Entry Based on Both Acoustic and Thermal Side-Channels</b> Tyler Kaczmarek, Ercan Ozturk, Pier Paolo Tricomi, Gene Tsudik</p> <p><b>038 Locknote: Conclusions &amp; Key Takeaways from Black Hat Asia 2019</b> Moderated by Jeff Moss</p>
	<b>Friday, March 29th, 2019</b>	
	<p><b>020 Zombie POODLE, GOLDENDOODLE, and How TLSv1.3 Can Save Us All</b> Craig Young</p> <p><b>021 Dive into VxWorks Based IoT Device: Debug the Undebugable Device</b> Ruikai Liu, Jiashui Wang, Yu Zhou, Wenzhe Zhu</p> <p><b>022 Modern Secure Boot Attacks: Bypassing Hardware Root of Trust from Software</b> Alex Matrosov</p> <p><b>023 When Voice Phishing Met Malicious Android App</b> Min-Chang Jang</p> <p><b>024 Attacking Browser Sandbox: Live Persistently and Prosperously</b> Huiming Liu, Bin Ma, Yongke Wang</p> <p><b>025 Oh No! KPTI Defeated, Unauthorized Data Leakage is Still Possible</b> Zhaofeng Chen, Yueqiang Cheng, Yu Ding, Tao Wei, Yulong Zhang</p>	