FIRESIDES LOUNGE

FRIDAY

DO NO H4RM: A HEALTHCARE SECURITY CONVERSATION

Friday at 20:00 in Sin City Theatre at Planet Hollywood

Christian "quaddi" Dameff, Jeff "r3plicant" Tully MD, Suzanne Schwartz MD, Marie Moe PhD, Billy Rios, Jay Radcliffe

PANEL: DEF CON GROUPS

Friday at 22:15 in Sin City Theatre at Planet Hollywood

Brent White / B1TK1LL3R, Jayson E. Street, Darington, April Wright, Tim Roberts (byt3boy), Casey Bourbonnais, s0ups

SATURDAY

MEET THE EFF - MEETUP PANEL

Saturday at 20:00 in Sin City Theatre at Planet Hollywood

Kurt Opsahl, Camille Fischer, Bennett Cyphers, Nathan 'nash' Sheard, Shahid Buttar

WE HACKED TWITTER! AND THE WORLD LOST THEIR SH*T OVER IT!

Saturday at 22:15 in Sin City Theatre at Planet Hollywood

Mike Godfrey, Matthew Carr

-THURSDAY-

	DC 101 IN TRACK 4
10:00	**Exploiting Windows Exploit Mitigation for ROP Exploits** Omer Yair
11:00	**Breaking Google Home: Exploit It with SQLite (Magellan)** Wenxiang Qian, YuXiang Li, HuiYu Wu
12:00	**Are Quantum Computers Really A Threat To Cryptography? A Practical Overview Of Current State-Of-The-Art Techniques With Some Interesting Surprises** Andreas Baumhof
13:00	**Intro to Embedded Hacking -- How you too can find a decade old bug in widely deployed devices. [REDACTED] Deskphones, a case study.** Philippe Laulheret
14:00	**Web2Own: Attacking Desktop Apps From Web Security's Perspective** Junyu Zhou, Ce Qin, Jianing Wang
15:00	**DEF CON 101 Panel** Highwiz, Nikita, Will, n00bz, Shaggy, SecBarbie, Tottenkoph
15:30	

-FRIDAY-

	TRACK 1	TRACK 2	TRACK 3	TRACK 4
10:00	**Behind the Scenes of the DEF CON 27 Badge** Joe Grand (Kingpin)	**Hacking Congress: The Enemy Of My Enemy Is My Friend** Former Rep. Jane Harman, Rep. James Langevin, Jen Ellis, Cris Thomas, Rep. Ted Lieu	**Behind the Scenes: The Industry of Social Media Manipulation Driven by Malware** Olivier Bilodeau, Masarah Paquet-Clouston	**Duplicating Restricted Mechanical Keys** Bill Graydon, Robert Graydon
11:00	**Don't Red-Team AI Like a Chump** Ariel Herbert-Voss	**The Tor Censorship Arms Race: The Next Chapter** Roger Dingledine	**All the 4G Modules Could Be Hacked** XiaoHuiHui, Ye Zhang, ZhengHuang	**Evil eBPF In-Depth: Practical Abuses of an In-Kernel Bytecode Runtime** Jeff Dileo
12:00	**Process Injection Techniques - Gotta Catch Them All** Itzik Kotler, Amit Klein	**Phreaking Elevators** WillC	**Infiltrating Corporate Intranet Like NSA _Pre-auth RCE on Leading SSL VPNs** Orange Tsai, Meh Chang	**API-Induced SSRF: How Apple Pay Scattered Vulnerabilities Across the Web** Joshua Maddux
13:00	**HackPac: Hacking Pointer Authentication in iOS User Space** Xiaolong Bai, Min (Spark) Zheng	**HVACking: Understand the Difference Between Security and Reality!** Douglas McKee, Mark Bereza	**No Mas—How One Side-Channel Flaw Opens Atm, Pharmacies and Government Secrets Up to Attack** phar	**More Keys Than A Piano: Finding Secrets In Publicly Exposed Ebs Volumes** xBen "benmap" Morris
14:00	**Harnessing Weapons of Mac Destruction** Patrick Wardle	**Are Your Child's Records at Risk? The Current State of School Infosec** Bill Demirkapi	**How Deep Learning Is Revolutionizing Side-Channel Cryptanalysis** Elie Bursztein, Jean Michel Picod	**Practical Key Search Attacks Against Modern Symmetric Ciphers** Daniel "ufurnace" Crowley, Daniel Pagan
15:00	**MOSE: Using Configuration Management for Evil** Jayson Grace	**Change the World, cDc Style: Cow tips from the first 35 years** Joseph Menn, Peiter Mudge Zatko, Chris Dildog Rioux, Deth Vegetable, Omega	**100 Seconds of Solitude: Defeating Cisco Trust Anchor With FPGA Bitstream Shenanigans** Jatin Kataria, Rick Housley, Ang Cui	**Relaying Credentials Has Never Been Easier: How to Easily Bypass the Latest NTLM Relay Mitigations** Marina Simakov, Yaron Zinar
16:00	**Please Inject Me, a x64 Code Injection** Alon Weinberg	**I Know What You Did Last Summer: 3 Years of Wireless Monitoring at DEF CON** d4rkm4tter (Mike Spicer)	**Surveillance Detection Scout - Your Lookout on Autopilot** Truman Kain	**The JOP ROCKET: A Supremely Wicked Tool for JOP Gadget Discovery, or What to Do If ROP Is Too Easy** Dr. Bramwell Brizendine, Dr. Joshua Stroschien
16:30	**Poking the S in SD cards** Nicolas Oberli	**Can You Track Me Now? Why The Phone Companies Are Such A Privacy Disaster** U.S. Senator Ron Wyden	**Breaking The Back End! It Is Not Always A Bug. Sometimes, It Is Just Bad Design!** Gregory Pickett	**Re: What's up Johnny?—Covert Content Attacks on Email End-to-End Encryption** Jens Müller

-SATURDAY-

	TRACK 1	TRACK 2	TRACK 3	TRACK 4
10:00	**Weaponizing Hypervisors to Fight and Beat Car and Medical Devices Attacks** Ali Islam, Dan Regalado (DanuX)	**Rise of the Hypebots: Scripting Streetwear** finalphoenix	**Information Security in the Public Interest** Bruce Schneier	**EDR Is Coming; Hide Yo Sh!t** Michael Leibowitz, Topher Timzen
11:00	**Your Car is My Car** Jmaxxz	**HAKC THE POLICE** Bill Swearingen	**Hacking Your Thoughts - Batman Forever meets Black Mirror** Katherine Pratt/GattaKat	**Meticulously Modern Mobile Manipulations** Leon Jacobs
12:00	**How You Can Buy AT&T, T-Mobile, and Sprint Real-Time Location Data on the Black Market** Joseph Cox	**Defeating Bluetooth Low Energy 5 PRNG for Fun and Jamming** Damien Cauquil (virtualabs)	**Why You Should Fear Your "mundane" Office Equipment** Daniel Romero, Mario Rivas	**Zombie Ant Farm: Practical Tips for Playing Hide and Seek with Linux EDRs** Dimitry Snezhkov
13:00	**RACE - Minimal Rights and ACE for Active Directory Dominance** Nikhil Mittal	**GSM: We Can Hear Everyone Now!** Campbell Murray, Eoin Buckley, James Kulikowski	**Tag-side attacks against NFC** Christopher Wade	**SSO Wars: The Token Menace** Alvaro Muñoz, Oleksandr Mirosh
14:00	**SELECT code_execution FROM * USING SQLite; – Gaining code execution using a malicious SQLite database** Omer Gull	**I'm on your phone, listening - Attacking VoIP Configuration Interfaces** Stephan Huber, Philipp Roskosch	**Zero bugs found? Hold my Beer AFL! How To Improve Coverage-Guided Fuzzing and Find New 0days in Tough Targets** Maksim Shudrak	**Next Generation Process Emulation with Binee** Kyle Gwinnup, John Holowczak
15:00	**Get Off the Kernel if You Can't Drive** Jesse Michael, Mickey Shkatov	**Reverse-Engineering 4g Hotspots for Fun, Bugs and Net Financial Loss** g richter	**State of DNS Rebinding - Attack & Prevention Techniques and the Singularity of Origin** Gerald Doussot, Roger Meyer	**.NET Malware Threats: Internals And Reversing** Alexandre Borges
16:00	**Reverse Engineering 17+ Cars in Less Than 10 Minutes** Brent Stone	**NOC NOC. Who's there? All. All who? All the things you wanted to know about the DEF CON NOC and we won't tell you about** The DEF CON NOC	**Confessions of an Nespresso Money Mule: Free Stuff & Triangulation Fraud** Nina Kollars, Kitty Hegemon	**Vacuum Cleaning Security: Pinky and the Brain Edition** jiska, clou (Fabian Ullrich)
16:30	**Unpacking Pkgs: A Look Inside Macos Installer Packages And Common Security Flaws** Andy Grant		**Go NULL Yourself or: How I Learned to Start Worrying While Getting Fined for Other's Auto Infractions** droogie	**Apache Solr Injection** Michael Stepankin

-SUNDAY-

	TRACK 1	TRACK 2	TRACK 3	TRACK 4
10:00	**Backdooring Hardware Devices By Injecting Malicious Payloads On Microcontrollers** Sheila Ayelen Berta	**Adventures In Smart Buttplug Penetration (testing)** smea	**Hacking WebAssembly Games with Binary Instrumentation** Jack Baker	**Your Secret Files Are Mine: Bug Finding And Exploit Techniques On File Transfer App Of All Top Android Vendors** Xiangqian Zhang, Huiming Liu
11:00	**The ABC of Next-Gen Shellcoding** Hadrien Barral, Rémi Géraud-Stewart, Georges-Axel Jaloyan	**SDR Against Smart TVs: URL and Channel Injection Attacks** Pedro Cabrera Camara	**Exploiting Qualcomm WLAN and Modem Over The Air** Xiling Gong, Peter Pi	**Say Cheese - How I Ransomwared Your DSLR Camera** Eyal Itkin
12:00	**I'm In Your Cloud... Pwning Your Azure Environement** Dirk-jan Mollema	**Malproxying: Leave Your Malware at Home** Hila Cohen, Amit Waisel	**HTTP Desync Attacks: Smashing into the Cell Next Door** albinowax	**Help Me, Vulnerabilities. You're My Only Hope** Jacob Baines
13:00	**[MI CASA-SU CASA] My 192.168.1.1 is Your 192.168.1.1** Elliott Thompson	**Sound Effects: Exploring Acoustic Cyber-weapons** Matt Wixey	**Owning The Clout Through Server-Side Request Forgery** Ben Sadeghipour, Cody Brocious (Daeken)	**Want Strong Isolation? Just Reset Your Processor** Anish Athalye
14:00	**Firmware Slap: Automating Discovery of Exploitable Vulnerabilities in Firmware** Christopher Roberts	**Cheating in eSports: How to Cheat at Virtual Cycling Using USB Hacks** Brad Dixon	**The Ether Wars: Exploits, counter-exploits and honeypots on Ethereum** Bernhard Mueller, Daniel Luca	**Contests Awards Ceremony** Contests & Events
15:00	**Closed**			
16:00	**Closing Ceremonies** The Dark Tangent & Goons			