

Tuesday AUGUST 6

This schedule is also available at bsideslv.org/schedule

2019 BSides Las Vegas

	0800	0900	1000	1100	1200	1300	1400	1500	1600: HAPPY HOUR	1700	1800	1900		
Middle Ground <i>Florentine C&D</i>		PvJ CTF Begins Silent Auction Begins	Opening Remarks KEYNOTE: Bob Lord		Lock Pick: Beginner Lesson					PvJ CTF ENDS Lock Pick: Contest Hacker Standup Comedy	Raffle Draw PvJ CTF End of Day Hotwash			
Hire Ground <i>Florentine B</i>					Now that you hacked the plane, what you going to do about career?	Addressing non-linear InfoSec career paths		Discovering Your Passion in Cyber Security	Hack (Apart) Your Career- How to Fund Doing What You Love		How to Fail Well (to be Successful)-From IT to Infosec	Behind Recruiting Curtain: What Recruiters Really Say and Do		
Breaking Ground <i>Florentine A</i>				Keynote Q&A with Bob Lord	BEEMKA / Electron Post-Exploitation When The Land Is Dry		Unpacking pkgs: A look inside macOS Installer packages and common security flaws	Using Machines to exploit Machines-harnessing AI to accelerate exploitation		Meltdown's Aftermath: Leveraging KVA Shadow To Bypass Security Protections		Neurosecurity: where Infosec meets Brain-machine Interface		
Proving Ground <i>Florentine G</i>					Bestsellers in the Under-ground Economy-Measuring Malware Popularity by Forum	Examining DES-based Cipher Suite Support within the TLS Ecosystem	Salesforce Data Governance What dark secrets lurk in your instance??	Analyzing user decision making on phishing sites - using mouse data, keyboard dynamics	Broken Arrow: applying InfoSec and Forensic practices to escape domestic abuse	The Human API: Evolving End Users From Authorized Adversaries Into Our Best Defense.	Burpsuite Team Server-Collaborative Web Pwnage	The Resilient Hacker: Growth Mindset, Health Hacks & Powerful Help to Navigate Personal Challenges	So you think you can CHMOD Building the badge-How you can make small, cheap and custom hardware for function or fashion	Satellite Vulnerabilities 101
Common Ground <i>Florentine F</i>					DLP Sucks and Why You Should Use It		Where in the world are Carmen's Sadjective cyber attacks: The game show that wonders why things aren't worse	The Contemplator Approach: Data Enrichment Through Elastic Stack		Mind the Diversity Gap-A Panel Discussion		Meet the CISO		
Underground <i>Florentine E</i>					Duck and (Re)Cover-The missing link in the security evolution		Reverse Engineering Mobile Apps: Never Pay for Transit Again	Giving Credit Where It's Not Due: Visualizing Joker's Stash		China as a New Russia? Analyzing Similarities and Differences of Chinese Threat Actors from their Russian Counterparts		Ask the EFF		
Ground Truth <i>Firenze</i>					Applying Information Security Paradigms to Misinformation Campaigns: A Multidisciplinary Approach		Building an enterprise security knowledge graph to fuel better decisions, faster	Grapl-A Graph Platform for Detection and Response		Profiling User Risk: Borrowing from Business Intelligence to Understand the Security of Your Userbase		Reducing Inactionable Alerts via Policy Layer Trying (Unsuccessfully) to Make Meterpreter Adversarial Example	Evaluating Code Embeddings	
Ground1234! <i>Tuscany</i>					SSO Wars: The Token Menace		My quest for (privileged) identity to own your domain	Enterprise Overflow: How Breached Credentials Impact Us All		Give the dog a bone-Exploring OSINT capabilities of pen-testing tools		Why FIDO Security Keys & WebAuthn are Awesome		
I Am the Cavalry <i>Siena</i>					IATC Welcome & Overview	Saving Lives Through Security Research	Coordinated Disclosure of ICS Products: Who's got time for that?	Als Wide Open-Making Bots Safer Than Completely S#%cking Unsafe	The Case for Software Bill of Materials		Automatic Security Analysis of IoT Firmware		I Just Want to Help Make Flying More Secure. ...not Work with the Government or How I Learned to Love a Govvie	
The Quiet Room					Copa Room, Tuscany ground floor, near casino: Relax and step away from the conference hustle. This space is reserved for people who need a quiet environment to recharge, think, or just rest their ears.									
<i>The following sessions are at the PLATINUM HOTEL</i>														
Training Ground 1	Malware Traffic Analysis Workshop					Malware Traffic Analysis Workshop [cont.]								
Training Ground 2	Windows Breakout and Privilege Escalation					Windows Breakout and Privilege Escalation [cont.]								
Training Ground 3	Reverse Engineering Android Apps					Hands-on: How to Use CALDERA's Chain Mode								
Training Ground 4	Knowing the Unknown: Using PCAP to Break Down Application-Layer Protocols					Active Directory security: 8 (very) low hanging fruits and how to smash those attack paths								
CISO Summit			Board Communications (NACD)		Zero Trust (Duo Security)			AppSec/SDLC/DevSecOps (Whitehat)	Crisis Communication & Brand Monitoring (ZeroFOX)	CISO Unconference				
Public Ground		Professionalization-Possibilities and Potholes		Reverse Engineering the Cyber Policy API			What's Next in Coordinating Vulnerability Disclosures	Als Wide Open-Making Bots Safer Than Completely #S%cking Unsafe					Special Thanks to The Hewlett Foundation for sponsoring Public Ground.	

	1900	2000	2100	2200	2300	0100	0200	0300	0400
Evening Events	Volunteers Meetup at The Tuscany Pool	QueerCon Mixer at The Tuscany Pool							
	BSides Organizers Meetup in Siena		The New Hacker Pyramid in Middle Ground						
			Hacker Karaoke in Pub 365 back room, Tuscany ground floor						

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Middle Ground <i>Florentine C&D</i>		PvJ CTF Begins			Lock Pick: Beginner lesson					PvJ CTF ENDS					
Hire Ground <i>Florentine B</i>				The Importance of Culture in Security	Hacking from Above: A Brief Guide for Transitioning to Leadership		Noobs: Training the Next Generation of Security Engineers	Startup Security Leadership: Lessons to Level Up from Fortune 100 to Tech Startup		Raffle Draw	PvJ CTF End of Day Hotwash				
Breaking Ground <i>Florentine A</i>	Networking [all day]					Career Coaching & Résumé Reviewing									
Proving Ground <i>Florentine G</i>			Loki: Add a little chaos to your USB drive	From EK to DEK: An Analysis of Modern Document Exploit Kits	From email address to phone number		Virtual Breakpoints for x86_64	ROP with a 2nd Stack, or This Exploit is a Recursive Fibonacci Sequence Generator			At Your Service-Abusing the Service Workers Web API	State of DNS Rebinding-Attack & Prevention Techniques and the Singularity of Origin			
Common Ground <i>Florentine F</i>			Making your website vulnerable for fun and security awareness	Human honeypots, or: How I learned to stop worrying and love the NFC Implant	The struggles of teaching automation	The SOC Counter ATT&CK	The drunk colonel and the flipped stone: Game Theory for a Defensive Strategic Advantage	I'm a hunter! But what does that mean?	Breaking the Bodyguards	Cover Your A**	Cyber Deception after Detection: Safe observation environment using Software Defined Networking	Deepfakes, Deep Trouble: Addressing Potential Market Manipulation Caused by Deepfakes	Baited Canaries-Monitoring attackers with active beacons	Securing Fast (and Furious) DevOps pipelines	Please inject me, a x64 code injection
Ground Floor <i>Florentine E</i>			The Road to Hell is Paved with Bad Passwords	Prisoner Number Six	Excuse Me, Your Sword Is In My Eye: Responding to Red Teams and Intrusions in 2019 and Beyond		Escape Questionnaire Quagmire: thoughtful approach addressing security inquiries customers & prospects	Getting CVSS, NVD, and CVEs to Work for You: Standardizing and Scaling Your Vulnerability Risk Analysis	Have You Distributed Randomness?		CloudSec Rules Everything Around Me (C.R.E.A.M.)	Meet the Nation This Week on Sunday: A Special Vulnerability Edition			
Ground Truth <i>Firenze</i>			CTFs for Fun and Profit: Playing Games to Build your Skills	Hidden Networks Pivoting: Redefining DNS Rebinding Attack	Low & Slow-Techniques for DNS Data Exfiltration		Windows 10 DFIR Challenges	ATT&CKing Your Adversaries-Operationalizing cyber intelligence in your own environment for better sleep and a safer tomorrow			Cyber Threat Intel & APTs 101	Musings of an Accidental CISO			
Ground1234! <i>Tuscany</i>			Security data science-Getting the fundamentals right	Is This Magikarp a Gyarados?: Using Machine Learning for Phishing Detection	Old things new again: efficient automatic signature generation for malware classification		Reduce, Reuse and Recycle ML models-and the security powers is yours	Scheming with Machines: Using ML to Support Offensive Teams			Birthday Hunting	All that glitters isn't Chrome: Hunting for suspicious browser extensions	Scratching the Surface of Risk		
I Am the Cavalry <i>Siena</i>			Breaking Smart [Bank] Statement	An investigation of the security of passwords derived from African languages	(Im)proper Database Authentication		Who dis? The Right Way To Authenticate	Exploiting Windows Group Policy for Reconnaissance and Attack			Why can't we be friends? (Ask a Fed & the EFF)	Ham Exams			
The Quiet Room			How to Treat Your Hacker (and Responsible Vulnerability Disclosure)	Hacking the Pentagon: How a Rebel Alliance Shifts Culture to Protect National Security	Certification and Labeling in IoT		Real World Security in a Clinical Healthcare Environment: Hacking a Hospital	Why journalists and hackers need each other (a panel discussion with infosec reporters)			We the People: Providing for a 'common defence' with CVD	No IOUs with IOT	"Hackers of the world-unite?"		
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Training Ground 1	Using Wireshark for Incident Response and Threat Hunting					Using Wireshark for Incident Response and Threat Hunting [cont.]									
Training Ground 2	Hacking the STORM					Hacking the STORM [cont.]									
Training Ground 3	Introduction to Cryptographic Attacks					Hands on Hacking The OWASP TOP 10 and beyond									
Training Ground 4	Linux Hardening-The Easy Way					Pentesting ICS 102									
Training Ground 5	Tournament: The Ultimate Secure Coding Throw Down					Finding Evil with Mitre ATT&CK and the Elastic Stack									
Public Ground		Free and Fair Elections in an Internet Era	Let's hear from the Hackers: What should DOJ do next?				Certification and Labeling for IoT	Why we need a Cyber Peace Institute				Special Thanks to The Hewlett Foundation for sponsoring Public Ground.			
Evening Event	1900	2000	2100	2200	2300	0100	0200	0300	0400	<p>BSidesLV Pool Party at The Tuscany Pool</p> <p>Drink, eat, and float around the Tuscany's fantastic pool while listening to djdead, Jackalope, An Hobbes, and Circuit Static playing the best music you've never heard before. Bring your swimsuit & badge!</p>					