



Techno Security & Digital Forensics Conference

Onsite Snapshot Guide

September 16-18, 2024 | Pasadena, CA

Monday, September 16

Time	Function	Speaker(s)	Room
7:30am - 6:00pm	Registration Open		Registration Lobby
12:00pm - 1:00pm	Linkage Investigations: Cryptocurrency, Dark Web & OSINT	Melissa Maranville, DeVille and Associates, LLC	Ballroom A
12:00pm - 1:00pm	I Swear, I Have Never Seen That Image Before! That Statement Can, in Fact, Be True in Devices with Reused Memory Chip	Martin Westman, MSAB	Ballroom B
12:00pm - 1:00pm	The Need for a Top/Down Security Strategy/Best Practices & Solutions	Rex Lee, My Smart Privacy	Ballroom C
12:00pm - 1:00pm	Enhancing Homeland Security through Advanced Digital Forensics and Criminal Investigation Tools	Alexander Banks, DHS S&T	Ballroom D
12:00pm - 1:00pm	Strategic Alliance of Analytics: Unifying SIEM and XDR for Enhanced Cybersecurity	Yung Chou, Microsoft	Ballroom F
12:00pm - 1:00pm	Brave New (Forensic) World: Unraveling the Impact of Artificial Intelligence on Digital Forensics	Joe Pochron, Nardello & Co. Brooke Berg, Nardello & Co.	Ballroom G
1:15pm - 2:15pm	Unmasking Deception in AI-Generated Images	Jeff Lomas, Las Vegas Metropolitan Police Department	Ballroom A
1:15pm - 2:15pm	Synthetic Media Detection and Advanced Mobile Evidence Analysis	Chris Vance, Magnet Forensics	Ballroom B
1:15pm - 2:15pm	Mastering Microsoft Copilot for Security Promptbooks: Creation, Application, and Beyond	Richard Dean, Quest Software	Ballroom C
1:15pm - 2:15pm	Case to Closure: How Cellebrite Solutions Can Support You Through the Entire Investigative Process	Matt Goeckel, Cellebrite	Ballroom D
1:15pm - 2:15pm	Modern Attachments or Old-Fashioned Links? Navigating the Collection Challenges of Hosted Email, Cloud Storage, and Collaboration Platforms	Brett Burney, eLaw Evangelist - Nextpoint	Ballroom F
1:15pm - 2:15pm	Enhancing Digital Forensics Efficiency: Triage, Selective Extraction, and AI Methodologies	Javis Olson, Detego Global	Ballroom G
2:00pm - 6:00pm	Exhibit Hall Open		Exhibit Hall
2:15pm - 2:45pm	Networking Break in Exhibit Hall		Exhibit Hall
2:45pm - 3:45pm	Best Practices in Public/Private Sector Collaboration – LockBit Takedown	Jon Clay, Trend Micro	Ballroom A
2:45pm - 3:45pm	Unraveling Hidden Clues and Protecting the Innocent in Crimes Against Children Investigations	Page McBeth, Cellebrite	Ballroom B
2:45pm - 3:45pm	Rapid Response: Triage Collection and Incident Analysis for macOS	Jeff Stanton, Adobe	Ballroom C
2:45pm - 3:45pm	Bridging the Gap Between DF and IR with New Capabilities in Magnet Axion Cyber	Jeff Rutherford, Magnet Forensics	Ballroom D
2:45pm - 3:45pm	Avoid a Chain Reaction: Safeguard Against Supply Chain Attacks	Stephen McGregory, Keysight Technologies	Ballroom F
2:45pm - 3:45pm	Cloud Atlas: What Does “Cloud” Really Mean to Your Investigations?	Dan Dollarhide, Oxygen Forensics, Inc.	Ballroom G
4:00pm - 5:00pm	Digital Forensic Stories from the Frontline	Felipe Chee, San Diego County District Attorney’s Office	Ballroom A
4:00pm - 5:00pm	Navigating the Shadows: Linux Tails Examinations for the Digital Forensic Examiner	Rob Attoe, Spyder Forensics	Ballroom B
4:00pm - 5:00pm	Why Preventative Security is More Important than Detections	Derek Melber, Nanitor	Ballroom C
4:00pm - 5:00pm	Leveraging Artificial Intelligence and Fundamental Human Behaviors to Revolutionize Insider Risk Management	Troy Batterberry, Echomark	Ballroom D
4:00pm - 5:00pm	Become a Google Jedi: Building a Better Boolean String	John Trenary, SEARCH	Ballroom F
4:00pm - 5:00pm	Locating Criminal Suspects by Tracking NFTs	Chris Groshong, CoinStructive Inc.	Ballroom G
5:00pm - 6:00pm	Happy Hour in Exhibit Hall		Exhibit Hall

Tuesday, September 17

Time	Function	Speaker(s)	Room
7:30am - 5:30pm	Registration Open		Registration Lobby
8:00am - 8:30pm	Morning Coffee		Registration Lobby
8:30am - 9:30am	Keynote: Navigating The Artificial Intelligence Era: Challenges and Strategies for Future of Cybersecurity	Roman Yampolskiy, University of Louisville	Ballroom B/C
9:45am - 12:00pm	Operation Bayonet: The International Effort to Dismantle AlphaBay Market (LE / Government Only)	Nicholas Phirippidis, FBI	Ballroom A
9:45am - 10:45am	Don't Go Down that Rabbit Hole	Adam Firman, MSAB	Ballroom D
9:45am - 10:45am	AI Image Synthesis Detection: Unveiling the Limits of Realism with Shadows and Reflection Analysis	Melissa Kimbrell, Amped Software USA Inc.	Ballroom F
9:45am - 10:45am	Unveiling Cyber Threats: Investigating a Compromise	Steven Konecny, Forensic Security Solutions Dave Thompson, Forensic Security Solutions	Ballroom G
11:00am - 12:00pm	Mastering Live Volatile Data Collection on Macs	Steve Whalen, SUMURI LLC	Ballroom B
11:00am - 12:00pm	Generative AI Growing Pains, Security Value and Implications	Keith Clement, State of CA Timothy Swope, University of Chicago Medicine Veronica Mitchell, CISA, Dept. of Homeland Security Michael Melore, IBM	Ballroom C
11:00am - 12:00pm	Oxygen Forensic® Detective: Faster Results with Smarter Technology	Dan Dollarhide, Oxygen Forensics, Inc.	Ballroom D
11:00am - 12:00pm	eDiscovery & Forensics: Optimizing Internal Investigations	TBree Murphy, Women in eDiscovery/ Exterro Angie Nolet, eDiscovery Chicks	Ballroom F
11:00am - 12:00pm	Unmasking the Deepfake: Detecting AI-Generated Video	Chester Hosmer, Python Forensics Julie Lewis, Digital Mountain, Inc.	Ballroom G
11:00am - 3:30pm	Exhibit Hall Open		Exhibit Hall
12:00pm - 1:30pm	Lunch in Exhibit Hall		Exhibit Hall
1:30pm - 2:30pm	Pondering the Perplexities of 3D-Printer Evidence	Chris Vance, Magnet Forensics	Ballroom A
1:30pm - 2:30pm	Don't Get WASTED: A Look Into the Wasted App	Peter Phurchpean, Federal Bureau of Investigation	Ballroom B
1:30pm - 2:30pm	DFIR Communication Skills - Report Writing and Testimony	Joseph Greefield, Maryman; University of Southern California	Ballroom C
1:30pm - 2:30pm	Expediting Investigations with the Advanced Analytics and Automation in Detego Analyse AI+	Rob Maddox, Detego Global	Ballroom D
1:30pm - 2:30pm	Finding a Needle in the Needle Stack: Real-time API Security Investigations	Tony Lauro, Akamai	Ballroom F
1:30pm - 2:30pm	Decoding OSINT: Let's Unravel the Complexity	Cynthia Navarro, OSMOSIS	Ballroom G
2:30pm - 3:15pm	Networking Break in Exhibit Hall		Exhibit Hall
3:15pm - 4:15pm	LE ONLY: Unmanned System Forensics: How One Drone Can Change the Course of Your Investigation	Erik Modisett, U.S. Customs and Border Protection Andrew Michaels, U.S. Customs and Border Protection	Ballroom A
3:15pm - 4:15pm	Post Breach Response – Demystifying Data Mining – Addressing the Challenges in Identifying Data Subjects and Building Out the Data Breach Notification List	Shawn Belovich, HaystackID	Ballroom B
3:15pm - 4:15pm	Factory Reset'ed Phone, Game Over - Or Is It?	Martin Westman, MSAB	Ballroom C
3:15pm - 4:15pm	Mobile Device Faraday Shielding and Charging from Field to Lab	Ryan Judy, Mission Darkness	Ballroom D
3:15pm - 4:15pm	Case Study: Todd Engles - Construction Superintendent During the Day and Producer of Child Sexual Abuse Material (CSAM) at Night	Jennifer Wing, Orlando Police Department/FBI Violent Crimes Against Children and Human Trafficking Task Force, Tampa Division	Ballroom F
3:15pm - 5:15pm	Budgeting for Cybersecurity - Using IR and Data Breaches as Your Guide	Lou Rabon, Cyber Defense Group	Ballroom G
4:30pm - 5:30pm	LE ONLY: Unmanned System Forensics: Hands On Lab	Andrew Michaels, U.S. Customs and Border Protection Erik Modisett, U.S. Customs and Border Protection	Ballroom A
4:30pm - 5:30pm	Unveiling the Hidden: Navigating the Maze of AI Artifacts in Windows Forensics	Anna Truss, DefSec LLC	Ballroom B
4:30pm - 5:30pm	Special Delivery! Defending and Investigating Advanced Intrusions on Secure Email Gateways	Nader Zaveri, Mandiant Inc.	Ballroom C
4:30pm - 5:30pm	VR Headset Acquisitions – Apple Vision Pro & Meta Quest	Paul Aleman, DATAPILOT Inc	Ballroom D

4:30pm - 5:30pm	Taming the Tide: Building a Scalable Vulnerability Management Program	Kashif Memon, Amazon Inc. Krishna Chirumamilla, Amazon Inc.	Ballroom F
4:30pm - 5:30pm	The Dark Web Has Changed Investigations	Todd Shipley, Dark Intel	Ballroom G
Wednesday, September 18			
Time	Function	Speaker(s)	Room
8:30am - 2:00pm	Registration Open		Registration Lobby
8:45am - 9:15am	Morning Coffee		Registration Lobby
9:15am - 11:15am	3 Under Par": Daniel Bowling Case Study	Roo Powell, SOSA Jennifer Wing, Orlando Police Department/FBI	Ballroom A
9:15am - 10:15am	Windows System Meltdown, Analyzing Windows Crash Dumps	Steven Bolt, Bechtel	Ballroom B
9:15am - 10:15am	Using Open Source and Free Tools to Locate Hidden Web Artifacts	Greg Tassone, Nevada County (CA) District Attorney's Office, Bureau of Investigations	Ballroom C
9:15am - 10:15am	E-Discovery, EDiscovery, eDiscovery ... eDiscovery Basics 101	Grace Parker, Parsons Corp	Ballroom F
9:15am - 10:15am	Deep Fake Dangers: Protect Yourself From AI Lies	Anmol Agarwal, Alora Tech, LLC.	Ballroom G
10:30am - 11:30am	Fingers on the Keyboard: Attribution Artifacts	John Trenary, SEARCH	Ballroom B
10:30am - 11:30am	Securing Your Serverless Workloads	Patrick Davis, Hanabyte Cybersecurity	Ballroom C
10:30am - 11:30am	Introduction to Digital Forensic Hardware Solutions	Daniel McGuire, Ace Forensics	Ballroom D
10:30am - 11:30am	An Overview of Business Email Compromise Attacks	Robert Gaines, PKF O'Connor Davies	Ballroom F
10:30am - 11:30am	The Art of the Possible: End-to-End Best Practices to Close Your Most Challenging Cases	Michael Joy, New York City Police Department	Ballroom G
11:00am - 1:30pm	Exhibit Hall Open		Exhibit Hall
11:00am - 1:00pm	Lunch in Exhibit Hall		Exhibit Hall
1:15pm - 2:15pm	Defense in Depth Mitigating AI/ML (GAN/AML) as an Offensive Weapon for Cybersecurity Attacks	Adam Sewall, WATERLEAF INTERNATIONAL LLC	Ballroom A
1:15pm - 2:15pm	The Threats/Risks of Advanced Persistent Threats to Energy Infrastructures	Larry Leibrock, USG	Ballroom B
1:15pm - 2:15pm	How to Protect Privacy When Modernizing Your Surveillance Technologies	Phil Malencski, Genetec	Ballroom C
1:15pm - 2:15pm	Brain or Brawn: How AI is Ushering a New Era in Personalized Decryption Techniques	Marcelo Bursztein, Novacene AI Corp.	Ballroom F
1:15pm - 2:15pm	Cryptocurrency Investigations – Pig Butchering	Kyle Krueger, United States Secret Service	Ballroom G
2:30pm - 3:30pm	Let's Talk Why You Need 360 Degree of Cyber Visibility	Steven Bolt, Bechtel	Ballroom A
2:30pm - 3:30pm	NMT, NFA, LLM, VR, AR, 3D, ASR... Exploring New Technologies to Use for Investigations	Terrence Lewis Phillip Staiger, TheBest3D.com Steve Braich, Robotic Polyglot Gilberto Segura, PGLS	Ballroom C
2:30pm - 3:30pm	Linux OS Triage Tool Head-To-Head	Thomas Milar, TrustedSec	Ballroom F
2:30pm - 3:30pm	Birthing Perjury-free AI	Charles Herring	Ballroom G



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Floor Plans

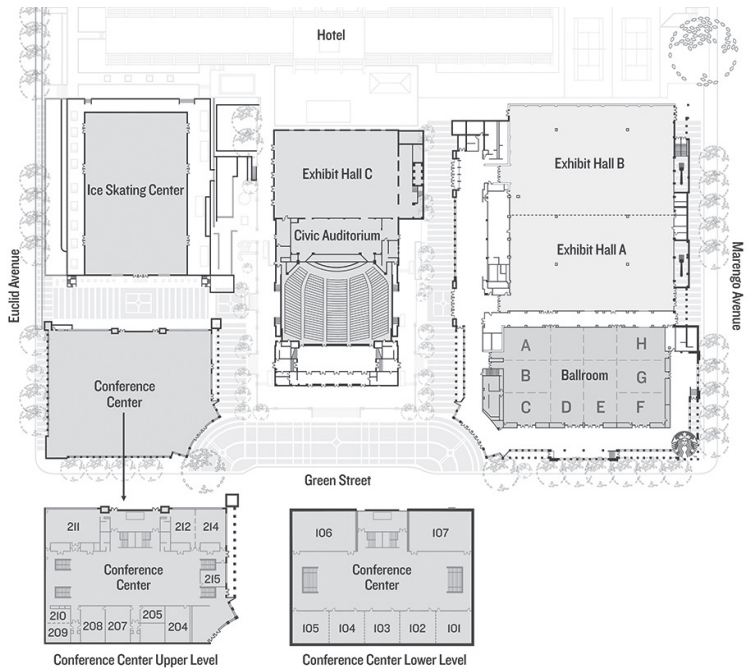
Exhibit Hall

Seating and Concessions

325	324	221	220	121	122
319	318	219	218	119	118
					114
					115
315			214		
313			212	109	
312					
311	308		208		
309	306	203	206	103	

Entrance

Convention Center



Thank You to Our 2024 Advisory Board

Aileen Borders – Senior Cybersecurity Operations Manager, AIG in Houston Texas

Felipe Chee – Senior District Attorney Investigator, Computer and Technology Crime High-Tech Response (CATCH) Team, San Diego County District Attorney's Office

Ryan Karkenny – Project Director, Director of the Computer and Technology Crimes High-Tech Response Team (C.A.T.C.H.)

Rex Lee – Security Advisor/Tech Journalist, My Smart Privacy/BLACKOPS Partners

Julie Lewis – CEO, Digital Mountain, Inc.

Nandita Narla – Head of Technical Privacy and Governance, DoorDash

Cynthia Navarro – President, OSMOSIS

Rae Park – Staff Security Engineer, Forensics, The Walt Disney Company

Peter Phurchpae – Digital Forensic Examiner, U.S. Federal Government

Joseph Pochron – Managing Director, Digital Investigations & Cyber Defense, Nardello & Co. LLC

Tamara Poelma – Program Manager & Digital Forensics Investigator, Hi-Tech Crimes & Surveillance Unit, Office of Criminal Investigations

Rene Rojo – CCIU Investigator, California-based Policy Agency, Computer Crimes Investigation Unit

Greg Tassone – District Attorney Investigator – High Tech Crimes, Nevada County District Attorney's Office

John F. Wallace – CISA, CRISC, CDPSE, Consultant, RGP

Thank You to Our 2024 Industry Supporters

