



SINET ITSEF

IT Security Entrepreneurs Forum

The Computer History Museum, Silicon Valley
March 17 & 18, 2015

Supported by the US Department of Homeland Security Science & Technology Directorate

Thank You to Our Generous Sponsors

FOUNDING SPONSORS



**Homeland
Security**

Science and Technology

KAUFFMAN

The Foundation of Entrepreneurship

GOLD SPONSORS

GENERAL DYNAMICS
Advanced Information Systems



Complete list of sponsors on page 18–19



March 17–18, 2015

Dear SINET Community,

Welcome to the IT Security Entrepreneurs Forum (ITSEF) — SINET's 9th annual flagship program. Whether you're a builder, buyer, investor or researcher, there is something for everyone at ITSEF, regardless of where your organization is in its lifecycle. Our programs are designed for the business of Cybersecurity to take place. Please engage in the One-on-One meetings, our lunch tables hosted by thought leaders from industry, government and the investment communities and take advantage of the 5½ hours of networking opportunities. As you move around the room you will meet people who are here with the same sense of purpose and commitment to advance the security field and they will want to talk with you and help you, it is just part of the SINET way.

One thing is for sure; Cyber continues to be top of mind everywhere. During my visit to Davos this year, Cybersecurity dominated much of the World Economic Forum's discussions. Many of the world's top leaders; politicians, ambassadors and captains of industry from 140 countries were talking about the critical importance of this global issue. From boardrooms to investors, innovators and policy makers, the prioritization of Cyber continues to highlight the premise that it touches everything. All are asking the same question: where is this undisciplined and tempestuous road headed and what can we do to protect ourselves?

The recent White House Summit on Cybersecurity and Consumer Protection event offered hope for both consumers and Cybersecurity professionals and showed that while the answers are not yet perfect or immediate, they indicate that we are headed in the right direction. For me, it was a personal and proud moment as I have been involved in building public private partnerships (PPP) in this domain since December 18th, 2001. These PPP models can and do work with the right champions who have the same sense of purpose and commitment. People inherently desire to be a part of something; all they need is a leader. For me, the most important part of the day was when the CEOs of Fortune 500 corporations, who are owners and operators of critical infrastructure companies, were on stage speaking about Cyber. Even if some did not know what they were talking about it didn't matter. What truly mattered was the message they sent just by being in the room. It underscored that Cybersecurity is not only important to them, but it is equally vital to our national security and economic interests. A lot of hard work by many government and industry professionals has led us to where we are today and our time is now to ride the momentum of this wave and understand our respective roles in making the world a better, safer and more secure place.

I would like to extend a special thank you to the Department of Homeland Security S&T Directorate, our sponsors and distinguished speakers, our members, and to you, our valued SINET community of interest and trust. I'm grateful that you are joining us as we support the advancement of innovation in the Cybersecurity space.

Sincerely,

A handwritten signature in black ink that reads "Robert D. Rodriguez". The signature is fluid and cursive, with a long, sweeping underline.

Robert D. Rodriguez
SINET Chairman & Founder



ITSEF Workshops



TUESDAY & WEDNESDAY
MARCH 17 & 18, 2015

ITSEF Workshops

Tuesday, March 17

Day One Workshops

1:00 PM–1:55 PM

SESSION 1

TRACK 1: 1:00 P.M. — 1:55 P.M.
HAHN AUDITORIUM

The Next Generation Security Operations Center

Abstract: As cyber threats continue to evolve, modern SOC's are finding an ever-increasing need to develop techniques and acquire technologies to stay ahead of their adversaries. Current tools and techniques provide some protection but it is not enough. This expert panel will discuss emerging techniques and technologies that will become requirements for the NextGen SOC.

From rethinking the organization and staffing of a SOC to implementing smart investment in technology and its placement, the panel will provide an overview of the 10 Strategies of a World-Class Security Operations Center and deep technical insight into emerging technologies that will facilitate adoption of these strategies. Drawing on decades of experience at the highest levels of cybersecurity operations, the audience will come away with a broad understanding of what it takes to build a NextGen SOC across sectors.

Moderator:

- **Joseph Loomis**, Founder & Chief Executive Officer, CyberSponse, Inc.

Panelists:

- **Eduardo E. Cabrera**, Deputy Chief Information Security Officer, US Secret Service
- **Michael Higgins**, Chief Information Security Officer, NBCUniversal
- **Russell Murrell**, Chief Information Security Officer, Dell Services
- **Jeff Schilling**, Chief Security Officer, FireHost, Inc.; Colonel, US Army (ret)
- **Greg Touhill**, Deputy Assistant Secretary for Cybersecurity and Communications, US Department of Homeland Security; Brigadier General, USAF (ret)
- **Carson Zimmerman**, Principal Cybersecurity Engineer, The MITRE Corporation; Author, Ten Strategies of a World Class Cybersecurity Operations Center

TRACK 2: 1:00 P.M. — 1:55 P.M.
GRAND HALL

Venture Capitalists Deep Dive Into Cyber

Abstract: After a year where cyber breaches dominated headlines, venture capitalists are continuing to invest heavily in cyber security in 2015. Cybersecurity is now a top Board/C-level priority. In an environment where threat actors are increasingly sophisticated and breaches drive significant financial/reputational damage, venture capitalists expect demand tailwinds for Cybersecurity solutions to strengthen.

VCs believe the following is true:

1. Security is the top area for accelerating IT spend in 2015.
2. The percentage of CIOs ramping Security spend is the highest than in recent years according to Goldman Sachs recent cybersecurity research of 2015.

Given this environment, where ARE VCs investing? What's hot/what is not so hot? Why? The panel of esteemed VC investors will discuss these questions and many more.

Moderator:

- **Hank Barry**, Partner, Sidley Austin LLP

Panelists:

- **Alex Doll**, Founder, Managing General Partner, Ten Eleven Ventures
- **Gilman Louie**, General Partner, Alsop Louie
- **Ted Schlein**, Managing Partner, Kleiner Perkins Caufield Byers
- **Mark Siegel**, Managing Director, Menlo Ventures
- **Yanev Suissa**, General Partner, SineWave Ventures

2:00 P.M. — 3:00 P.M.

SESSION 2

TRACK 1: 2:00 P.M. — 3:00 P.M.

HAHN AUDITORIUM

How a Software Defined Perimeter Will Address Large Organizational Needs

Abstract: Large organizations (100,000+ users) are highly vulnerable to cyber attacks due to the need to connect vast numbers of devices to distributed applications. Unfortunately existing perimeter solutions do not scale well either on a security, cost or usability dimension. Software Defined Perimeter (SDP) is a new security model designed for large organizations. SDP is based on a simple process of 1/identifying the device requesting access 2/querying the identity system to determine what the user is allowed to access and 3/ connecting the user's device to approved applications with dynamically provisioned VPNs.

Conceptually SDP creates an Internet-scale need-to-know network. SDP's security model has been validated via public Hackathon's (attracting participants from 104 countries) to stop all forms of network attacks from DDoS, Man-in-the-Middle, Server/Query and Advanced Persistent Threat (APT).

The following session will provide an overview of the challenges faced by large organizations and then discusses how SDP solves them. The session will also include presentations by some of world's largest organizations on how SDP is being used as a scalable perimeter security solution.

Moderator:

- **Robert Flores**, Partner, Cognito Corporation; Former Chief Technology Officer, Central Intelligence Agency

Panelists:

- **Alan Boehme**, Chief of Enterprise Architecture and Head of Emerging Technologies & IT Innovation, The Coca-Cola Corporation
- **Junaid Islam**, Chief Technology Officer, Vidder
- **Tim Mather**, Chief Security Officer, Cadence Design Systems
- **Jeff Schweitzer**, Chief Innovation Architect — Product and New Business Innovation, Verizon
- **Hiroshi Sekine**, Project Manager, Mazda North American Operations, R&D

TRACK 2: 2:00 P.M. — 3:00 P.M.

GRAND HALL

CISOs That Take Risks in Order to Manage Risk: Using Technology Innovation to Change the Game for Threat Actors

Abstract: This panel of CISOs committed to managing IT risk will provide several different examples of the use of innovative technology to change the game for serious threat actors forcing them to consider other enterprises as easier targets. In each case it involved the CISO taking on the risk of making the innovative technology work in an enterprise environment to significantly improve the risk management capability forcing the adversary to adjust or go elsewhere.

Moderator:

- **Jim Routh**, Chief Information Security Officer, Global Information Security, Aetna

Panelists:

- **Brad Arkin**, Vice President & Chief Security Officer, Adobe
- **Jay Leek**, Chief Information Security Officer, Blackstone

3:00 P.M. — 3:30 P.M.

Break

3:30 P.M. — 4:25 P.M.

SESSION 3

TRACK 1: 3:30 P.M. — 4:25 P.M.

HAHN AUDITORIUM

Rapid Fire Format: Speed of Cyber Innovation and Adoption to Address Cybersecurity Needed Priorities for Today and Tomorrow

Abstract: Cyberspace is a dynamic environment and the challenges and threat vectors constantly change. While enterprises are more akin to establishing and following processes and operational maturity, addressing cyber threats need one to be agile and super responsive. Addressing cybersecurity requirement also calls for a balanced approach of adopting innovative technologies which not only fulfills today's needs but can also work in harmony with the established technology & process ecosystem as the threat landscape changes. This calls for a discussion as to how we can include innovation and its adoption as a key item in enterprise cybersecurity strategy and identifying the needs proactively to serve the needs for today and tomorrow.

Moderator:

- **Valmiki Mukherjee**, Chief Architect, Enterprise Risk and Security Solutions, Cognizant; Chairman, Cloud Security Alliance North Texas

Panelists:

- **Greg Crabb**, Inspector in Charge of Revenue, Product and Global Security, US Postal Inspection Service
- **Indu Kodukula**, Vice President of Cloud Security and Chief Information Security Officer, Intuit Inc.
- **Manoj Leelanivas**, President and Chief Executive Officer, Cyphort
- **Eduardo Perez**, Senior Vice President, North America Risk Services, Visa Inc.
- **Joseph Sullivan**, Chief Security Officer, Facebook
- **Brett Wahlin**, Vice President & Chief Information Security Officer, Hewlett-Packard

TRACK 2: 3:30 P.M. — 4:25 P.M.

GRAND HALL

The Frontiers of Cyber Innovation

Abstract: With major new cyber breaches reported almost daily in the news, 75% of corporate CIO's reporting cyber security as their #1 priority and Global 2000 Board Rooms scrambling to come to grips with the scale, scope and implications of cyber security threats, cyber security innovation is at the forefront of efforts to defend the global economy against the collective efforts of criminal elements, hacktivists and state actors to inflict damage on global IT networks at the speed of light. Our panel of highly experienced practitioners will look into their innovation crystal balls to identify the most promising areas for disruption innovation on The Frontiers of Cyber Innovation.

Moderator:

- **Bob Ackerman**, Managing Director & Founder, Allegis Capital

Panelists:

- **Sameer Bhalotra**, Co-founder & Chief Executive Officer, StackRox
- **Ravi Devireddy**, Founder & Chief Executive Officer, E8 Security
- **Oren Falkowitz**, Founder & Chief Executive Officer, Area1 Security
- **John Jolly**, Chief Revenue Officer, RedJack

4:30 P.M. — 5:30 P.M.

SESSION 4

TRACK 1: 4:30 P.M. — 5:30 P.M.

HAHN AUDITORIUM

The Next Security Frontier: Securing Inside the Perimeter

Abstract Enterprises and government have invested billions of dollars in securing their perimeter, yet they still remain vulnerable. A recent survey from the Ponemon institute indicate that 88% of people surveyed are scared of the insider threat, and over 70% of privileged users feel entitled to look at anything—and the costs associated with insider breaches are staggering as over \$300B a year of damage is tied to internal user fraud. Moreover, recent breaches seem to be rapidly changing the security and privacy paradigm as employees now are demanding that their internal communication and activity is secured so their sensitive data is not made public.

This panel will explore the future of insider security, and probe when we will see an insider security platform added to the security fabric of every company.

Moderator:

- **Guy Filippelli**, Chief Executive Officer, RedOwl Analytics

Panelists:

- **Brian Dóne**, Chief Architect/Senior Strategist, US Department of Homeland Security
- **Malcolm Harkins**, Vice President, Chief Security and Privacy Officer, Intel Corporation
- **Philip Quade**, Special Assistant to the Director National Security Agency for Cyber; Chief of the NSA Cyber Task Force
- **Bob Stasio**, Global Head of Threat Intelligence, Bloomberg, LP
- **Cornelius Tate**, Vice President of Asset Protection, Sallie Mae Bank

TRACK 2: 4:30 P.M. — 5:30 P.M.

GRAND HALL

Partnering to Break into the Federal Marketplace

Abstract: In this panel we will hear from a number of established Systems Integrators who hold large Government-Wide Acquisition Contracts (GWAC) and have successfully partnered with small businesses to deliver innovative security products and services to federal customers. Additionally, we'll hear from some of the entrepreneurial companies that have used these partnerships to access this marketplace.

Moderator:

- **Lawrence C. Hale**, Office of Strategic Programs, Integrated Technology Services, Federal Acquisition Service, US General Services Administration

Panelists:

- **Robert Pate**, Principal Cyber Security Strategist, Leidos
- **Hemma Prafullchandra**, Chief Technology Officer and Senior Vice President of Products, HyTrust
- **Jeffrey Snyder**, Vice President, Cyber Programs, Raytheon Company
- **Susan Wilson**, Director, Business Development, Northrop Grumman Cyber Division

Wednesday, March 18

7:30 A.M. — 8:30 A.M.

Registration and Continental Breakfast

HAHN AUDITORIUM

8:30 A.M. — 5:30 P.M.

General Session

GRAND HALL

8:30 A.M. — 8:40 A.M.

Introductory Remarks by Forum Host

- **Rick Geritz**, Chief Executive Officer & Founder, Life Journey, Chairman, CyberMaryland

8:40 A.M. — 8:45 A.M.

Opening Remarks

- **Douglas Maughan**, Division Director, Cyber Security Division, Department of Homeland Security, Science & Technology Directorate

8:45 A.M. — 8:55 A.M.

Welcome Remarks

- **Robert D. Rodriguez**, Chairman & Founder, SINET

8:55 A.M. — 9:25 A.M.

The Tenets and Characteristics of a High Functioning Cybersecurity Collaboration

Abstract: Through our work at NIST's National Cybersecurity Center of Excellence we have identified 3 organizational characteristics and 5 operational tenets that drive the work we do. The NCCoE is a collaborative home for innovation, bringing together scientists, engineers, and mathematicians from across government, industry, and academia, to build solutions that implement cybersecurity standards and best practices. While the center is focused on technical development, these tenets and characteristics are broadly applicable to any cybersecurity partnership.

Moderator:

- **Nathan Lesser**, Deputy Director, National Cybersecurity Center of Excellence (NCCoE), National Institute of Standards and Technology (NIST)

9:25 A.M. — 9:40 A.M.

SINET Thinks Forward With Nick Shevelyov: Technical Debt

Abstract: Data Breaches make front page news on a regular basis. But how often is root-cause analysis and lessons learned applied? In this talk, Nick Shevelyov will share a perspective on how enterprise technical debt is contributing to breaches, and how organizations might manage this growing risk.

- **Nick Shevelyov**, Chief Security & Chief Privacy Officer, Silicon Valley Bank (SVB)

9:40 A.M. — 9:55 A.M.

SINET Thinks Forward With Elias Manousos: The Ultimate Targeted Attack: Malvertisements

The Internet economy is at risk of the very thing that powers it:

Internet advertising. Global adversaries now infiltrate the ad ecosystem on a daily basis, injecting malware into web and mobile devices via Malvertisements. Ads are everywhere; everyone is affected. With so much at stake, it's critical we detect and defend against this threat. In this session, we explore how these bad actors are able to break in and, once inside the ecosystem, have access to the most sophisticated user targeting system ever developed.

- **Elias Manousos**, Co-Founder and Chief Executive Officer, RiskIQ

9:55 A.M. — 10:10 A.M.

SINET Thinks Forward With Dr. Phyllis Schneck: DHS Cyber Vision: Industry, Technology and Trust

Abstract: The Department of Homeland Security is raising the national bar in Cybersecurity. By driving markets to build and provide stronger technologies and services, and fostering trust and partnership to improve information flow and speed of protection, DHS remains at the forefront of a rapidly evolving landscape of collaboration in cybersecurity. Dr. Schneck will outline her vision for DHS's cyber future and how we use science, people and a whole-of-government effort to drive cybersecurity as a key part of Homeland Security.

- **Dr. Phyllis Schneck**, Deputy Under Secretary for Cybersecurity, National Protection and Programs Directorate, US Department of Homeland Security

10:10 A.M. — 10:25 A.M.

SINET Thinks Forward With Marc Goodman: The Future of Crime and Security: Why Cyber Was Only the Beginning

Abstract: The future has already arrived—it's just unevenly distributed. Though our security threats today seem daunting, we are at the earliest stages of our technological development. While much has been made of our growing levels of cyber risk, it is but the first stage in an onslaught of technological development that will leave our heads spinning. Big data, artificial intelligence, black box algorithms, synthetic biology, the Internet of Things, virtual reality, robotics, and even brain science will have profound impacts on our world—and they are all hackable. How then can we build this brave new world safely and securely? In this session, we discuss the challenges before us and consider how we might "survive progress" and thrive in our exponentially changing world.

- **Marc Goodman**, Author, "Future Crimes", Chair for Policy and Law, Singularity University.

10:25 A.M. — 10:45 A.M.

BREAK

10:45 A.M. — 11:25 A.M.

The Internet of Things, Automation of a Cloud Discussion

Abstract: In this panel we will discuss how IOT fits into cyberspace as a whole and what its broader impacts may be with respect to security and manageability. What work has been done to define security strategies and architecture? How should we think about risk in the different spaces of the IOT such as sensors, transportation, and building automation. What are the roles of government and industry in managing and securing the IOT?

Moderator:

Reynold Schweickhardt, Director of Technology Policy, Committee on House Administration

Panelists:

- **Peter Esser**, General Representative, Washington Operations, NXP Semiconductors USA, Inc.
- **Richard Hale**, Deputy Chief Information Officer for Cybersecurity, US Department of Defense
- **Tom Patterson**, Vice President/General Manager, Global Security Solutions, Unisys Corporation
- **Dr. Peter Sweatman**, Director, University of Michigan Transportation Research Institute and the Mobility Transformation Center, University of Michigan

11:25 A.M. — 12:10 P.M.

Rapid Fire Format: What Types of Attacks Do Cybersecurity SMEs See Trending Over The Next One to Three Years?

Abstract: Today's cyberattacks come trivially to the even modestly equipped and educated attacker. Why is it so simple for them? And are there truly any new attacks? Or are there simply more adversaries, better funded, using the same old tricks to evade detection and defenses? This distinguished panel of cyberwar hardened security experts will explore this question and today's current attacks, as well as postulate on how the attacks will evolve over the coming years. We will push the panel for specific techniques they will be using and the simple solutions to preventing them that require little more than common sense, not seven figure technology checks.

Moderator:

John Petrik, Editor, the CyberWire, CyberPoint International

Panelists:

- **Robert Carey**, Vice President Public Sector, CSC Global Security
- **Sam Glines**, Co-Founder & Chief Executive Officer, Norse
- **George Kurtz**, President & Chief Executive Officer, CrowdStrike, Inc.
- **Stuart McClure**, Chief Executive Officer & President, Cylance
- **Saryu Nayyar**, Chief Executive Officer, GuruCul Solutions
- **Kevin Walker**, Vice President, Assistant Chief Information Security Officer, Walmart

12:10 P.M. — 1:25 P.M.

SINET Connects: Networking Luncheon

ITSEF is providing the opportunity for attendees to sit down in an informal and intimate (8–10 per table) setting with security leaders from private industry, Federal Government and venture capital. This optional Networking Luncheon is designed to promote awareness, education and learning opportunities on how solution providers can best shape their vision, roadmap and assess their current path to meet the market needs.

- **TABLE #1: Information Sharing: From Policy to Reality**
Hosted by Jennifer Byrne, Chief Security Officer, Worldwide Public Sector, Microsoft
- **TABLE #2: Back to the Basics: Improving the Who, What, Where, How and Why Through Actionable Threat Intelligence and Information Sharing**
Hosted by, Eduardo E. Cabrera, Deputy Chief Information Security Officer, US Secret Service
- **TABLE #3: Everyone Gets Breached Sooner or Later: How Do You Detect the Attack and Minimize the Damage?**
Hosted by Tony Cole, Vice President and Global Government Chief Technology Officer, FireEye, Inc.
- **TABLE #4: Information Sharing is Not a Panacea**
Hosted by Michael Coomes, Director, International Engagements and Internet Governance, DoD Chief Information Officer
- **TABLE #5: Cloud-Based Security Services: Which Ones Do You NOT Use and Why? What Will Your Future Choices Be?**
Hosted by Justin Dolly, Vice President, Chief Security & Privacy Officer, Jawbone
- **TABLE #6: Future of Data Centers**
Hosted by Tim Dombrowski, Operating Partner, Andreessen Horowitz
- **TABLE #7: Use of Models and Frameworks to Visually Represent Cybersecurity Maturity: From the Ops Center to the Board Room**
Hosted by Dennis P. Gilbert, Jr., Director of Information and Cyber Security, Corporate and Information Security Services, Exelon Corporation
- **TABLE #8: Disruptive SOC Technologies/Processes**
Hosted by Paul Grabow, Chief Information Security Officer
Office of the Sergeant at Arms and Doorkeeper, United States Senate
- **TABLE #9: Challenges and Opportunities to Increase Private Sector Adoption of Innovative Privacy Technology**
Hosted by Paul Grassi, Senior Standards and Technology Advisor, NSTIC, Information Technology Laboratory, National Institute of Standards and Technology (NIST), US Department of Commerce
- **TABLE #10: Connecting Cybersecurity Education, Threat Intelligence, and Incident Response**
Hosted by Jeff Klaben, Chief Information Security Officer, SRI International
- **TABLE #11: SBIR Direct to Phase 2**
Hosted by Susan Nichols, Program Director, SBIR/STTR Program Manager, Small Business Programs Officer, The Defense Advanced Research Projects Agency (DARPA)
- **TABLE #12: The Need for New Industry Standards to Address Security and Availability of all Personal Data Across Industries**
Hosted by Tom Pageler, Chief Risk Officer, DocuSign
- **Table #13 IoT Security: The Good, the Bad, and The Ugly**
Hosted by Billy Rios, Author, Speaker, and Serial Entrepreneur
- **TABLE #14 Governance: Balancing Strategy and Tactical Operations**
Hosted by Jamey Sample, Former Chief Information Security Officer,
Pacific Gas & Electric Company
- **TABLE #15: Friction: The Enemy of Rapid Cybersecurity Response and What to do About It**
Hosted by Nick Shevelyov, Chief Security & Chief Privacy Officer, Silicon Valley Bank (SVB)

- **TABLE #16: Till Death Do Us Part The Marriage of Physical and Cyber Security**
Hosted by Cornelius Tate, Vice President of Asset Protection, Sallie Mae Bank
- **TABLE #17: Predictive Analytics: Realizing Security Value from Enterprise Big Data**
Hosted by Kris Virtue, Director, Global Information Security and Risk Management, Qualcomm
- **TABLE #18: 4 Cyber Security Shark Tank**
Hosted by Robert Pate, Principal Cyber Security Strategist, Leidos
Abstract: Innovators at this table will be given the opportunity to deliver their best two-minute elevator pitch on their Cybersecurity product or service they are providing into the marketplace. Rob will provide feedback and counsel to these entrepreneurs on ways they may be able to advance their offerings, adjustments to their current roadmap as well as the opportunity to be invited into future customer meetings if they are a winner during their time in the Shark Tank.

1:25 P.M. — 5:30 P.M.

General Session

1:25 P.M. — 2:05 P.M.

How to Talk to your Board About Maximizing the Value of Your Information Assets, While Managing Your Risks

Abstract: While boards have traditionally been focused on guiding their organizations to maximizing shareholder value, the strain of constant flow of data breaches is gaining great prominence in board level discussions. Ensuring their organizations leverage information assets to their maximum benefits while establishing sustainable approaches for managing risk and drastically reducing the likelihood of becoming the next breach headline, is the primary mandate for their CISOs. This panel session will discuss how today's CISO requires comprehensive threat visibility across high-value assets and actionable intelligence for proactive decision making in order to approach the board with confidence.

Moderator:

- **Feris Rifai**, Co-Founder & Chief Executive Officer, Bay Dynamics

Panelists:

- **Lamont Orange**, Chief Information Security Officer, Vista Consulting Group
- **Jim Routh**, Chief Information Security Officer, Global Information Security, Aetna
- **Myrna Soto**, Senior Vice President & Chief Infrastructure and Information Security Officer, Comcast

2:05 P.M. — 2:20 P.M.

SINET Thinks Forward With Dr. Brian Pierce: DARPA Investments in Cyber and Information Technologies for National Security

Abstract: DARPA's mission is to make pioneering investments in breakthrough technologies for national security. The results have included icons of modern society, such as the Internet and miniaturized, mobile global positioning systems, as well as game-changing military capabilities that encompass high performance sensors, precision weapons and stealth technologies. DARPA has demonstrated a unique ability to transform the world around us by changing our view of what is possible. The talk will provide insight into DARPA's current investments in cyber and information technologies for national security.

- **Dr. Brian Pierce**, Deputy Director, Information Innovation Office (I2O), Defense Advanced Research Projects Agency (DARPA)

2:20 P.M. — 2:35 P.M.

SINET Thinks Forward With Enrique Salem: Investing in Tomorrow's Security

Abstract: The Federal Reserve Bank, Facebook, Home Depot, and Target have all succumbed to cyberattacks recently. The attacks get greater and more intense in scope every time. Investor interest in the cybersecurity market, at both the consumer and the corporate level, has also increased.

2014 saw a record level of investment funding and deals to the space with \$1.71 billion invested in 240 deals to emerging cybersecurity companies according to CB Insights.

Where are top tier cyber investors looking for new technologies? What are the trends affecting their investments?

Enrique Salem, Bain Capital Ventures Managing Director, will give his insights and predictions for the mobile, social and cloud markets. As a 27-year security veteran, and former CEO of Symantec, Enrique will present his point of view on the approaches and technologies necessary to create tomorrow's secure future.

- **Enrique Salem**, Managing Director, Bain Capital Ventures; President Barack Obama's Management Advisory Board
-

2:35 P.M. — 2:50 P.M.

SINET Thinks Forward With Phil Zimmermann: Digital Privacy: A Requirement To Do Business

Abstract: In 1991, at the start of the Crypto Wars, the idea of digital privacy was radical. Today it's required to do business. Without an expectation our data is secure, online banking cannot work and doctors cannot store medical records electronically. Protecting the privacy of individuals is why I started PGP, and why Mike Janke and I started Silent Circle. But at Silent Circle we've come to realize that protecting individuals at work may be the strongest form of corporate security possible. That's what we're working on, and I'd be delighted to explore these themes further at the IT Security Entrepreneurs Forum.

- **Phil Zimmermann**, President & Co-Founder, Silent Circle
-

2:50 P.M. — 3:05 P.M.

SINET Thinks Forward With Peter Tseronis: Technology Roadmap

Abstract: From the lab researcher to the program manager, the plant operator to the power administrator, almost every employee at the Department of Energy (DOE) relies on IT to carry out their day-to-day duties. For example, researchers at DOE's Oak Ridge National Laboratory are using wind-speed and location data to provide real-time and fully automated geospatial estimates of hurricane impacts on the national power grid. In another example, the Princeton Plasma Physics Laboratory has used 3D printing to design and build critical components for nuclear fusion facilities. At an enterprise level, advanced cybersecurity techniques for continuous monitoring of DOE networks ensure that the United States Nuclear stockpile is secured against foreign and domestic agents.

The DOE is unique in that many technologies in the market today were originally implemented for specific scientific and mission needs within the DOE before being transitioned to the marketplace. The Roadmap has the potential to coordinate the development of next-generation IT at the DOE, as well as accelerate the adoption of the DOE's homegrown technology.

- **Peter Tseronis**, Chief Technology Officer, US Department of Energy
-

3:05 P.M. — 3:25 P.M.

BREAK

3:25 P.M. — 4:05 P.M.

Next Generation Security Solutions—Leveraging Machine Learning and Data Fusion Techniques

There are a number of new enterprise focused, VC backed cyber security companies who are leveraging the application of machine learning, data fusion and advanced analytics to detect cyber security breaches. These solutions are surfacing new ways of detecting external and internal cyber threats to deliver unique and fast real-time results. This panel will explore this new breed of next generation cyber security companies. The panel will include a few of the companies targeting this architecture along with related industry experts.

Moderator

- **George Hoyem**, Investment Partner, In-Q-Tel Inc.

Panelists:

- **Paul Grabow**, Chief Information Security Officer Office of the Sergeant at Arms and Doorkeeper, United States Senate
- **Sriram Ramachandran**, Co-Founder and Chief Executive Officer, Niara
- **Greg Shipley**, Vice President of Technology, In-Q-Tel Inc.
- **Muddu Sudhakar**, Founder & Chief Executive Officer, Caspida

4:05 P.M. — 4:45 P.M.

Interview With Anne Neuberger: Unique Perspectives from a Public Sector Chief Risk Officer

Abstract: Enterprise risk management is considered a best practice in many fields and amplifies an organization's ability to recognize, integrate, and assess the risk-reward value from multiple perspectives to make more informed, timely, and defensible decisions. The role of Chief Risk Officer is often established to guide the implementation and operation of an organization's enterprise risk management. Peter LaMontagne will interview Anne Neuberger and Anne will share her perspectives on ERM programs (which are at various points of maturity) and lessons learned on building effective risk management.

Interviewer:

- **Peter LaMontagne**, Chief Executive Officer, Novetta Solutions

Special Guest:

- **Anne Neuberger**, Chief Risk Officer, National Security Agency

4:45 P.M. — 5:15 P.M.

Fireside Chat with Keith Krach, Chairman and Chief Executive Officer of DocuSign and former Chairman and Chief Executive Officer, Ariba

Abstract: With recent data breaches, emerging security threats, and a constantly evolving security and risk landscape, the importance of a CEO who understands, supports and advances security is paramount. What can the CEO do to ensure they position security as a core element of the business and its market position? In this co-presentation from DocuSign's CEO and CISO, hear the case for security requiring independence and trust—including an independent board of governors. Furthermore, explore how it must also integrate with other business functions to create value for the business, its customers and partners.

Interviewer:

- **Tom Pageler**, Chief Risk Officer, DocuSign

Special Guest:

- **Keith Krach**, Chairman and Chief Executive Officer, DocuSign and former Chairman and Chief Executive Officer, Ariba

5:15 P.M.—5:30 P.M.

Closing Remarks

- **Robert D. Rodriguez**, Chairman & Founder, SINET

5:30 P.M.—7:30 P.M.

SINET Connects: Networking Reception

Thank you to the SINET ITSEF & Workshops 2015 Sponsors

FOUNDING SPONSORS



**Homeland
Security**

Science and Technology

KAUFFMAN
The Foundation of Entrepreneurship

GOLD SPONSORS

GENERAL DYNAMICS
Advanced Information Systems



SILVER SPONSORS


BAY DYNAMICS™



ThreatMetrix™



EMERGING COMPANY SPONSORS


CYLANCE



MEDIA SPONSORS




SINET 16



2015 SINET 16 Application Process Opens May 1st

DO YOU HAVE CUTTING EDGE TECHNOLOGY?

Innovative solutions frequently come from new and small companies. Our goal is to provide entrepreneurs from all over the world an opportunity to increase their product awareness to a select audience of sophisticated investors, builders and buyers. In order to participate, companies must have annual revenues of approximately fifteen (15) Million dollars or less.

BENEFITS OF APPLYING TO BE SELECTED AS ONE OF THIS YEAR'S SINET 16 INNOVATORS:

- SINET 16 Innovators will have six minutes to deliver their value proposition on stage in front of 300 to 400 investors, builders, buyers and researchers;
- SINET 16 Innovators will be included in SINET press releases and marketing material before, during and after the Showcase;
- SINET 16 Innovators will receive a free booth to display their technology at the Showcase on November 4th;
- SINET 16 Innovators will receive free but mandatory coaching on their messaging for the November 4th stage presentation;
- SINET 16 Innovators will enjoy additional opportunities to present at other SINET supported global venues that may arise throughout the year (TBD).

THE SINET 16 PROCESS FOR 2015:

In preparation for the SINET Showcase, SINET assembles a steering committee consisting of Cybersecurity leaders from industry, government, venture capital, investment banking and academia. Our esteemed committee works with Federal Agencies and private industry to identify their most critical needs and requirements. These needs and requirements are used to help evaluate the company's application during the vetting process.

- **May 1, 2015:** SINET 16 application process opens. Please visit our website for more details.
- **July 17, 2015:** SINET 16 Innovator application process will close. No applications will be accepted after this date
- **July 20, 2015:** the Showcase Steering Committee will begin Round One evaluations of the qualified applications.
- **August 21, 2015:** Round One closes and only 50 companies will advance to Round Two of the evaluation process.
- **August 24, 2015:** the Showcase Steering Committee will begin Round Two evaluations.
- **September 24, 2015:** the Showcase evaluation process will close.
- **October 1, 2015:** the final list of this year's SINET 16 Innovators will be notified that they have been selected to present on stage at the 2015 SINET Showcase in Washington, DC.
- **October 2015:** The companies selected will receive free coaching on their presentation skills on the East Coast in Rosslyn, Virginia and on the West Coast in Menlo Park, California. (This coaching is complimentary but mandatory in order to maximize the presenters six minutes on stage).
- **November 4, 2015:** SINET 16 Innovators will have an opportunity to meet with interested parties at their booth throughout the day and during the two- hour evening reception.

For additional SINET 16 application process questions, please contact Bill Bosen | billbosen@security-innovation.org

The background features a minimalist design with several light gray circles and rectangles of varying sizes scattered across a white field. A large circle in the center-left contains the word "Speakers".

Speakers



SINET Speakers

Complete speaker bios can be found at http://www.security-innovation.org/ITSEF_2015.htm

SINET CHAIRMAN AND FOUNDER



ROBERT D. RODRIGUEZ

Chairman and Founder
SINET

SPEAKERS



BOB ACKERMAN

Managing Director & Founder
Allegis Capital



NENAD ANDJELIC

Cyber Security Advisor
Communications Security
Establishment Canada



BRAD ARKIN

Vice President &
Chief Security Officer
Adobe



HANK BARRY

Partner, Sidley
Sidley Austin LLP



SAMEER BHALOTRA

Co-founder & Chief Executive Officer
StackRox



ALAN BOEHME

Vice President
The Coca-Cola Corporation



JENNIFER BYRNE

Chief Security Officer,
Worldwide Public Sector
Microsoft



EDUARDO CABRERA

Deputy Chief Information
Security Officer
US Secret Service



ROBERT CAREY

Vice President, Public Sector
CSC Global Cybersecurity



TONY COLE

Vice President and Global
Government Chief Technology Officer
FireEye, Inc.



MICHAEL COOMES

Director, International Engagements
and Internet Governance
DoD Chief Information Officer



GREGORY CRABB

Inspector in Charge of Revenue,
Product, and Global Security
US Postal Inspection Service



RAVI DEVIREDDY

Founder & Chief Executive Officer
E8 Security



ALEX DOLL

Founder, Managing General Partner
Ten Eleven Ventures



JUSTIN DOLLY

Vice President and
Chief Security & Privacy Officer
Jawbone



TIM DOMBROWSKI

Operating Partner
Andreessen Horowitz



BRIAN D'ONE

Chief Architect/Senior Strategist
US Department of Homeland Security



DOUGLAS DOOLEY

Venture Capitalist
Venrock



PETER ESSER

General Representative,
Washington Operations
NXP Semiconductors



OREN FALKOWITZ

Founder & Chief Executive Officer
Area1 Security



GUY FILIPPELLI

Chief Executive Officer
RedOwl Analytics



BOB FLORES

Partner
Cognitio Corporation



RICK GERITZ

Chief Executive Officer & Founder,
Life Journey, Chairman
CyberMaryland



DENNIS P. GILBERT, JR.

Director of Information and
Cyber Security, Corporate and
Information Security Services
Exelon Corporation

**SAM GLINES**

Co-Founder & Chief Executive Officer
Norse

**MARC GOODMAN**

Author, "Future Crimes";
Chair for Policy, Law and Ethics
Singularity University

**PAUL GRABOW**

Chief Information Security Officer,
Office of the Sergeant at Arms
and Doorkeeper
United States Senate

**PAUL GRASSI**

Senior Standards and Technology Advisor,
NSTIC, Information Technology Laboratory,
National Institute of Standards and
Technology (NIST)
US Department of Commerce

**LAWRENCE C. HALE**

Office of Strategic Programs,
Integrated Technology Services,
Federal Acquisition Service
US General Services Administration

**RICHARD HALE**

Deputy Chief Information Officer
Cybersecurity Department of Defense

**MALCOMB HARKINS**

Vice President, Chief Security
and Privacy Officer
Intel Corporation

**MICHAEL HIGGINS**

Chief Information Security Officer
NBCUniversal

**GEORGE HOYEM**

Partner
In-Q-Tel

**JUNAID ISLAM**

Chief Technology Officer
Vidder

**JOHN JOLLY**

Chief Revenue Officer
RedJack

**JEFF KLABEN**

Chief Information Security Officer
SRI International

**INDU KODUKULA**

Vice President of Cloud Security and
Chief Information Security Officer
Intuit, Inc.

**KEITH KRACH**

Chairman and Chief Executive Officer
DocuSign



GEORGE KURTZ

President, Chief Executive Officer &
Co-Founder
CrowdStrike



PETER LAMONTAGNE

Chief Executive Officer
Novetta Solutions



JAY LEEK

Chief Information Security Officer
Blackstone



MANOJ LEELANIVAS

President and Chief Executive Officer,
Cyphort



NATHAN LESSER

Deputy Director, National
Cybersecurity Center of Excellence
(NCCoE)
National Institute of Standards and
Technology (NIST)



JOSEPH LOOMIS

Founder & Chief Executive Officer
CyberSponse



GILMAN LOUIE

Partner
Alsop Louie Partners.



ELIAS MANOUSOS

Co-Founder and Chief Executive Officer
RiskIQ



TIM MATHER

Chief Security Officer
Cadence Design Systems



DR. DOUGLAS MAUGHAN

Division Director, Cyber Security
Division, US Department of Homeland
Security Science & Technology
Directorate



STUART MCCLURE

Chief Executive Officer, President
Cylance, Inc.



VALMIKI MUKHERJEE

Chief Architect, Enterprise Risk and
Security Solutions, Cognizant; Chairman
Cloud Security Alliance North Texas



RUSSELL MURRELL

Chief Information Security Officer
Dell Services



SARYU NAYYAR

Chief Executive Officer
GuruCul Solutions

**ANNE NEUBERGER**

Chief Risk Officer
National Security Agency

**SUSAN NICHOLS**

Program Director, SBIR/STTR
Program Manager, Small Business
Programs Officer
The Defense Advanced Research
Projects Agency (DARPA)

**LAMONT ORANGE**

Chief Information Security Officer
Vista Equity Partners

**TOM PAGELER**

Chief Risk Officer
DocuSign

**ROBERT PATE**

Principal Cybersecurity Strategist
Leidos

**TOM PATTERSON**

Vice President/General Manager,
Global Security Solutions
Unisys Corporation

**EDUARDO PEREZ**

Senior Vice President,
North America Risk Services
Visa Inc.

**JOHN PETRIK**

Editor, The CyberWire
CyberPoint International, LLC

**BRIAN PIERCE**

Deputy Director, Information
Innovation Office (I2O)
Defense Advanced Research Projects
Agency (DARPA)

**HEMMA PRAFULLCHANDRA**

Chief Technology Officer and
Senior Vice President Products
HyTrust

**PHIL QUADE**

Special Assistant to the Director
National Security Agency for Cyber
Chief of the NSA Cyber Task Force

**SRIRAM RAMACHANDRAN**

Co-Founder and Chief Executive Officer
Niara

**FERIS RIFAI**

Co-Founder & Chief Executive Officer
Bay Dynamics

**BILLY RIOS**

Author, Speaker, and
Serial Entrepreneur



CRAIG ROSEN

Chief Information Security Officer
FireEye



JIM ROUTH

Chief Information Security Officer,
Global Information Security
Aetna



ENRIQUE SALEM

Managing Director,
Bain Capital Ventures
President Barack Obama's
Management Advisory Board



JEFF SCHILLING

Chief Security Officer
FireHost, Inc.; Colonel
US Army (ret)



TED SCHLEIN

Managing Partner
Kleiner Perkins Caufield Byers



PHYLLIS SCHNECK

Deputy Under Secretary for
Cybersecurity, National Protection
and Programs Directorate
US Department of Homeland Security



REYNOLD SCHWEICKHARDT

Director of Technology Policy
Committee on House Administration



JEFFREY SCHWEITZER

Chief Innovation Architect—Product
and New Business Innovation
Verizon



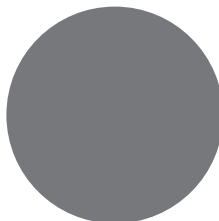
HIROSHI SEKINE

Project Manager, Mazda
North American Operations
R&D



NICK SHEVELYOV

Chief Security & Chief Privacy Officer
Silicon Valley Bank (SVB)



GREG SHIPLEY

Vice President of Technical Staff,
Advanced Analytics and Infrastructure
Practice
In-Q-Tel (IQT)



MARK SIEGEL

Managing Director
Menlo Ventures



JEFFREY SNYDER

Vice President, Cyber Programs
Raytheon Company



MYRNA SOTO

Senior Vice President & Chief
Infrastructure and Information
Security Officer
Comcast



BOB STASIO

Global Head of Threat Intelligence
Bloomberg LP



MUDDU SUDHAKAR

Founder & Chief Executive Officer
Caspida



YANEV SUISSA

General Partner
SineWave Ventures



JOE SULLIVAN

Chief Security Officer
Facebook



DR. PETER SWEATMAN

Director, University of Michigan
Transportation Research Institute
and the Mobility Transformation Center
University of Michigan



CORNELUS TATE

Vice President of Asset Protection
Sallie Mae Bank



GREG TOUHILL

Deputy Assistant Secretary of
Cybersecurity and Communications,
US Department of Homeland Security;
Brigadier General
USAF (ret)



PETER TSERONIS

Chief Technology Officer
US Department of Energy



KRIS VIRTUE

Director, Global Information Security
and Risk Management
Qualcomm



BRETT WAHLIN

Vice President & Chief Information
Security Officer
Hewlett Packard



KEVIN WALKER

Vice President, Assistant Chief
Information Security Officer
Walmart



SUSAN WILSON

Director, Business Development
Northrop Grumman Cyber Division



CARSON ZIMMERMAN

Principal Cybersecurity Engineer
MITRE Corporation



PHIL ZIMMERMANN

President & Co-Founder
Silent Circle



SINET Mission



SINET Mission

Advance innovation and enable global collaboration between the public and private sectors to defeat Cybersecurity threats.

ABOUT SINET

Security Innovation Network™ (SINET) is a community builder and strategic advisor whose mission is to advance innovation and enable global collaboration between the public and private sectors to defeat Cybersecurity threats. Supported by the US Department of Homeland Security Science & Technology Directorate, SINET delivers programs focused on public-private partnerships, as well as membership and sponsorship programs that deliver unique value, have helped to build myriad relationships and connect a network of thought leaders, builders, buyers, researchers and investors across the global security community with the goal of promoting and advancing Cybersecurity.

Learn more at www.security-innovation.org

COMMUNITY BUILDING

SINET—where the business of Cybersecurity takes place—builds communities of interest and trust, connects thought leaders in government and industry with builders, buyers, researchers and investors across the international security domain with the goal of promoting and advancing Cybersecurity innovation. We are passionate about our mission and strive to build a community that engenders a sense of common duty, purpose and commitment to protect our critical infrastructure and help to preserve economic stability.

Join our community and participate in our mutually beneficial, trust-based approach that connects the ecosystem of the entrepreneur, increases business opportunities and advances Cybersecurity innovation.

Join the SINET community at www.security-innovation.org/community.htm

MEMBERSHIP

SINET members form a community that is willing to share its vision, expertise, knowledge and skills in an open, trusted and collaborative environment. The SINET Membership program offers opportunities to become leaders in Cybersecurity innovation, participate in focused communities and networking exchanges, learn from community experts willing to share perspectives and approaches, and access a vast array of resources and special discounts to SINET programs.

Become a SINET Member and help to evolve the programs that contribute to our mission of accelerating innovation in Cybersecurity.

Contact SINET at info@security-innovation.org



Upcoming SINET Programs

Supported by The US Department of Homeland
Security Science & Technology Directorate



Upcoming SINET Programs

Innovation Summit 2015—New York, NY














“Connecting Wall Street, Silicon Valley and the Beltway”

June 25, 2015

The TimesCenter

Innovation Summit connects America’s three most powerful epicenters and evangelizes the importance of industry, government and academic collaboration on joint research initiatives. The opportunity to bring practitioners and theory together to discuss fundamental Cybersecurity challenges is critical to the advancement of innovation in the Cybersecurity domain. This summit is designed to reinvigorate public-private partnership efforts and increase relationships that foster the sharing of information and joint collaboration on Cybersecurity research projects.

Sponsors

FOUNDING	GOLD	SILVER	EMERGING
			
			
			
			
			
			
			
			
			

Showcase 2015

"Highlighting and Advancing Innovation"

November 3 & 4, 2015

The National Press Club, Washington, D.C.

Showcase provides a platform to identify and highlight "best-of-class" security companies that are addressing industry and government's most pressing needs and requirements. The chosen SINET 16 Innovators present their technological solutions to representatives from the ecosystem of the entrepreneur: venture capital, investment banking, system integration, academia, science, legal, policy, private industry and executives from the Federal Government, including civilian, intelligence and military professionals. Showcase's objective is to increase awareness of innovative solutions that may lead to an investment in, or the purchase of, advanced technologies that will help secure our nation's critical infrastructure and command-and-control systems.

Sponsors

FOUNDING	GOLD	SILVER	EMERGING
			
			
			
			
			
			
			
			

SINET presents The Global Cybersecurity Innovation Summit 2016

Supported by Her Majesty's Government & US Department of Homeland Security,
Science & Technology Directorate

January 26 & 27, 2016

The British Museum, London

The Global Cybersecurity Innovation Summit objective is to advance innovation and the growth of the Cybersecurity sector by providing a platform for Cybersecurity businesses, particularly Small and Medium Enterprises (SMEs), to connect with key UK, US, and International decision makers, system integrators, investors, Government policy makers, academia and other influential business executives. Last year's event sold out. Register early to secure your spot.

The background features a network of large, light-gray circles of varying sizes. These circles are interconnected by smaller, light-gray rectangular segments, creating a web-like structure. The central circle is the largest and contains the text.

SINET Members



SINET Members



BAY DYNAMICS



CAYUGA NETWORKS



CENTRIPETA NETWORKS



THE CHERTOFF GROUP



CipherPoint



CLICK SECURITY



comilion
collaborative security



Cognizant

CRANE AND CRANE
CONSULTING

csg

INVOTAS
ACCELERATE YOUR SECURITY



cyberpoint

CYBERRESPONSE
ENABLED SECURITY

CYLANCE



CYPHORT.



DAMBALLA



DIGITAL SHADOWS

ENDGAME.

EXELIS



FireEye

GENERAL DYNAMICS
Advanced Information Systems



GURUCUL
Security Risk Intelligence



HEXIS
CYBER SOLUTIONS



HYTRUST
Cloud Under Control



invincea™

JPMORGAN CHASE & CO.



KEYW

LOCKHEED MARTIN



Microsoft

NETTITUDE



NORSE



