Date/Time Stamp:

Employee Post-Travel Disclosure of Travel Expenses

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Post-Travel Filing Instructions: Complete this form within **30 days** of returning from travel. Submit all forms to the **Office of Public Records in 232 Hart Building.**

In compliance with Rule 35.2(a) and (c), I make the following disclosures with respect to travel expenses that have been or will be reimbursed/paid for me. I also certify that I have attached:

☒ The **original** *Employee Pre-Travel Authorization* (Form RE-1), **AND**
☒ A **copy** of the *Private Sponsor Travel Certification Form* with all attachments (itinerary, invitee list, etc.)

Private Sponsor(s) (list all): Woodrow Wilson International Center for Scholars

Travel date(s): August 8, 2019 - August 10, 2019

Name of accompanying family member (if any): _____
Relationship to Traveler: ☐ Spouse ☐ Child

IF THE COST OF LODGING **DID NOT INCREASE** DUE TO THE ACCOMPANYING SPOUSE OR DEPENDENT CHILD, ONLY INCLUDE LODGING COSTS IN EMPLOYEE EXPENSES. (Attach additional pages if necessary.)

Expenses for Employee:

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses (Amount & Description)
☐ Good Faith Estimate ☒ Actual Amount	$699.82 - Coach Airfare and Ground Transportation	$204.00	$136.70	$320 - Conference admission fee and Conf. room rental

Expenses for Accompanying Spouse or Dependent Child (if applicable):

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses (Amount & Description)
☐ Good Faith Estimate ☐ Actual Amount				

Provide a description of all meetings and events attended. *See* Senate Rule 35.2(c)(6). (Attach additional pages if necessary.): See attached.

9-17-2019 — *(Date)*

Andrew Timm — *(Printed name of traveler)*

(Signature of traveler)

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER:

I have made a determination that the expenses set out above in connections with travel described in the *Employee Pre-Travel Authorization* form, are necessary transportation, lodging, and related expenses as defined in Rule 35.

9/17/2019 — *(Date)*

(Signature of Supervising Senator/Officer)

(Revised 1/3/11)

Form RE-2

PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should **NOT** submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee **MUST** also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

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1. Sponsor(s) of the trip (please list all sponsors): Woodrow Wilson International Center for Scholar

2. Description of the trip: Trip for alumni of the WIlson Center Congressional Cybersecurity Lab, traveling traveling to DEF CON conference, focusing specifically on network vulnerabilities and election security

3. Dates of travel: August 8, 2019 - August 10, 2019

4. Place of travel: Las Vegas, Nevada, USA

5. Name and title of Senate invitees: See attached list

6. I *certify* that the trip fits one of the following categories:

   ☒ (A) The sponsor(s) are not registered lobbyists or agents of a foreign principal **and** do not retain or employ registered lobbyists or agents of a foreign principal **and** no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.

   – OR –

   ☐ (B) The sponsor or sponsors are not registered lobbyists or agents of a foreign principal, but retain or employ one or more registered lobbyists or agents of a foreign principal and the trip meets the requirements of Senate Rule 35.2(a)(2)(A)(i) or (ii) *(see question 9)*.

7. ☒ I *certify* that the trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.

   – AND –

   ☒ I *certify* that the sponsor or sponsors will not accept funds or in-kind contributions earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal.

8. I *certify* that:

   ☒ The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal except for *de minimis* lobbyist involvement.

   – AND –

   ☒ The traveler will not be accompanied on the trip by a registered lobbyist or agent of a foreign principal except as provided for by Committee regulations relating to lobbyist accompaniment (*see question 9*).

9. **USE ONLY IF YOU CHECKED QUESTION 6(B)**
I *certify* that if the sponsor or sponsors retain or employ one or more registered lobbyists or agents of a foreign principal, one of the following scenarios applies:

☐ (A) The trip is for attendance or participation in a one-day event (exclusive of travel time and **one** overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip.

– OR –

☐ (B) The trip is for attendance or participation in a one-day event (exclusive of travel time and **two** overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip (*see questions 6 and 10).*

– OR –

☐ (C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.

10. **USE ONLY IF YOU CHECKED QUESTION 9(B)**
If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:

11. ☒ An itinerary for the trip is attached to this form. I *certify* that the attached itinerary is a detailed (hour-by-hour), complete, and final itinerary for the trip.

12. Briefly describe the role of each sponsor in organizing and conducting the trip:

The Wilson Center chose the destination and planned the itinerary and all logistics for this trip

13. Briefly describe the stated mission of each sponsor and how the purpose of the trip relates to that mission:

See attached sheet

14. Briefly describe each sponsor's prior history of sponsoring congressional trips:

See attached sheet

15. Briefly describe the educational activities performed by each sponsor (other than sponsoring congressional trips):

See attached sheet

16. Total Expenses for Each Participant:

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses
☒ Good Faith estimate ☐ Actual Amounts	$661.80 coach airfare $70 ground transportation over 3 days	$204 ($102 per night)	$183 ($61 per day)	$300 Conference entrance fee

17. State whether a) the trip involves an event that is arranged or organized *without regard* to congressional participation **or** b) the trip involves an event that is arranged or organized *specifically with regard* to congressional participation:

This trip was organized specifically with regard to congressional participation

18. Reason for selecting the location of the event or trip

See attached sheet

19. Name and location of hotel or other lodging facility:

Tuscany Suites and Casino, 255 E Flamingo Rd, Las Vegas, NV 89169

20. Reason(s) for selecting hotel or other lodging facility:

Hotel was chosen for meeting the government lodging rate set by GSA and having a central location close to meeting sites.

21. Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:

Lodging expenses are at the per diem rate of $102 per night ($204 total) set by GSA

Meal expenses are at the per diem rate of $61 per day ($183) set by GSA

22. Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:

Participants will be traveling roundtrip by air to Las Vegas in coach. We will also being using a chartered bus for all ground transportation while in Las Vegas

23. ☒ I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities, alcohol, or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35).

24. List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event:

None

25. I hereby *certify* that the information contained herein is true, complete and correct. (For trips involving more than one sponsor, you *must* include a completed signature page for each additional sponsor):

Signature of Travel Sponsor: Michael Forster

Name and Title: Michael Forster; Chief Operating Officer

Name of Organization: Woodrow Wilson International Center for Scholars

Address: 1300 Pennsylvania Ave NW, Washington DC 20004

Telephone Number: 202-691-4366

Fax Number:

E-mail Address: michael.forster@wilsoncenter.org

List of Participants Woodrow Wilson International Center for Scholars
Congressional Cybersecurity Lab Alumni Study Trip
Las Vegas August 8th to August 10th, 2019
United States Senate

Name: Erica Andeweg

Title: Legislative Assistant, Office of Senator Deb Fischer

Name: Aaron Barruga

Title: Technology and National Security Fellow, Office of Senator Tom Cotton

Name: Elizabeth Bernal

Title: Legislative Correspondent, Committee on the Judiciary

Name: Jillian Joyce

Title: Professional Staff Member, Subcommittee on Federal Spending Oversight and Emergency Management, Committee on Homeland Security and Governmental Affairs

Name: Robert Murray

Title: Legislative Director, Office of Senator Roger F. Wicker

Name: Chris Soghoian

Title: Senior Technologist, Office of Senator Ron Wyden

Name: Andrew Timm

Title: Professional Staff Member, Committee on Homeland Security and Governmental Affairs

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Woodrow Wilson International Center for Scholars
Digital Futures Project Congressional Cybersecurity Lab
Private Sponsor Travel Certification Form – Pre Trip -Additional Responses

13. Briefly describe the stated mission of each sponsor and how the purpose of the trip relates to that mission:
The Congressional Cybersecurity Lab aims to educate Congressional staffers on technology policy issues critical to U.S. national security, as well as to foster bipartisan working relationships. The trip supplements the work of the program's six-week seminar series, providing fellows with an opportunity to gain first-hand understanding of some of the technology and policy questions discussed in the seminars. The mission of this trip will be to help initiate better dialogue and trust between federal stakeholders and the "hacking community", as well as to educate the congressional delegation on the nature and scope of vulnerabilities and threats to critical cyber networks and infrastructure. Ethical hackers can play an instrumental role in fortifying cybersecurity infrastructure (networks, software, etc.), in both the public and private sectors, through the use of sanctioned hacking initiatives and bug-bounty programs. During the trip we will visit with private sector experts operating in the technology and cybersecurity space, such as: MGM, Rapid7, Scythe, and CrowdStrike.

Our goal is to promote an immersive understanding of policy issues on the legislative agenda, through exposure to the work and perspective of key stakeholders. The goal of the fellowship program is deeply rooted in the Wilson Center's broader mission and charter, to "..unite the world of ideas to the world of policy by supporting preeminent scholarship and linking that scholarship to issues of concern to officials in Washington."

The Wilson Center is the sole organizer of the trip. The William and Flora Hewlett Foundation funds the Congressional Cybersecurity Lab but plays no role in choosing participants, selecting the destination, or designing the itinerary.

14. Briefly describe each sponsor's prior history of sponsoring congressional trips:
The Woodrow Wilson Center has organized multiple prior congressional trips: a staff delegation for fellowship alumni to Mexico, focusing on border security and the U.S.-Mexico bilateral relationship; a staff trip to Canada focusing on US-Canadian relations, security, trade and natural resources; three staff trips to New York City focusing on homeland security; a staff trip to Colombia to focus on the FARC negotiations; a staff trip to Dublin focusing on cybersecurity issues; a staff trip to Europe focusing on the future of the European Institution and NATO; and a staff trip to Silicon Valley, CA and Seattle, WA to engage with leading technologists. The Wilson Center also sponsored multiple congressional trips through its Wilson Center on the Hill (WCOH) Program, which ended in December 2011. WCOH was a nonpartisan forum that focused on current issues related to international trade and security, sustainable development, and globalization. In its three years of existence, WCOH led two Member trips and two staff trips.

15. Briefly describe the educational activities performed by each sponsor (other than sponsoring congressional trips):
The Wilson Center is the official memorial to President Woodrow Wilson. In addition to carrying out public meetings and events, the Center hosts preeminent scholars and experts from around the globe who are researching topics of national and international relevance. The Center also welcomes school groups (both high school and college students) from all over the United States and the world to explore the Wilson Center and its Presidential Memorial Exhibition and Learning Center. A list of recent programs can be found on the Center's website at www.wilsoncenter.org.

18. Reason for selecting the location of the event or trip.
Las Vegas was selected as it hosts to the DEFCON conference, the nation's preeminent hacking conference. The conference will provide us with an unrivaled opportunity to gain a better understanding of the "hacking community" and learn how to better integrate them into our nation's cybersecurity apparatus. There we will meet with representatives from across the tech/cyber industry, including both private-sector stakeholders, as well as "white hat" hackers engaged in ethical hacking,

Wilson Center Congressional Cybersecurity Lab
Delegation Trip: DEFCON 2019

Wilson Center Contacts:
Meg King: (202) 285-5006
Jacob Rosen: (202) 257-2496

DEF CON Contacts:
Bob Weiss (Head Speaker Goon): +1 (301) 980-00501
Marc Rogers Head of DEF CON Security): (702) 630-1337

THURSDAY, AUGUST 8TH

8:15AM — **FLIGHT FROM WASHINGTON DULLES (IAD) TO LAS VEGAS (LAS)**

10:27AM — **ARRIVE IN LAS VEGAS AND TRANSFER TO HOTEL**

11:30-12:00 PM — **ARRIVE AT HOTEL; CHECK-IN**
LOCATION: *TUSCANY SUITES*

12:00-2:00 PM — **INTRODUCTION TO DEFCON WORKING LUNCH (REP. LANGEVIN & REP. LIEU JOIN GROUP)**
LOCATION: SANTA MONICA 2 (PLANET HOLLYWOOD HOTEL)

INTRODUCTION AND OVERVIEW (MEG, BEAU AND ELI)

DURING THIS WORKING LUNCH WE WILL DISCUSS MAJOR POLICY ISSUES TO INVESTIGATE AT THE CONFERENCE.

DEF CON HISTORY AND ROLE IN ECOSYSTEM WITH DEF CON FOUNDER JEFF MOSS (TBC)

JEFF MOSS, ALSO KNOWN AS THE "DARK TANGENT," IS THE FOUNDER AND DIRECTOR OF BLACKHAT AND DEFCON, THE NATION'S PREEMINENT CYBER AND HACKING CONFERENCES. WHAT INSPIRED JEFF TO FOUND THESE FORUMS? WHAT LESSONS HAS HE AND THE COMMUNITY LEARNED SINCE THEIR INCEPTION? WHAT WORK STILL NEEDS TO BE DONE? HOW CAN POLICY MAKERS WORK MORE CLOSELY WITH THE SECURITY RESEARCH COMMUNITY?

INTRODUCTIONS OF MEMBERS, STAFFERS, AND HACKERS (SHERPA/SPIRIT GUIDES)

2:00 – 2:30 PM — **LOCKPICKING** WITH TOOOL & LADY MERLIN
LOCATION: SANTA MONICA 2 (PLANET HOLLYWOOD HOTEL)

2:30 - 4:00 PM — **FLASH BRIEFINGS AND FRAMING CONVERSATIONS**
SANTA MONICA 2 (PLANET HOLLYWOOD HOTEL)

DESCRIPTION: TALKS FROM HACKERS ON TOPICS, FRAMING ONE SUBJECT MATTER AREA, AS REQUESTED BY MEMBERS AND STAFF BEFORE THE TRIP. EACH SESSION WILL BE AROUND 30 MINUTES, WITH 5-10 MINUTES TO BRIEF AND 20-25 MINUTES FOR Q&A. FOLLOW UP CONVERSATIONS CAN TAKE PLACE DURING THE ASK A HACKER SESSIONS.

CRYPTOGRAPHY AND PRIVACY BRIEFING (WHITNEY MERRILL)

COORDINATED VULNERABILITY DISCLOSURE BRIEFING (ART MANION)

SAFETY-CRITICAL INFRASTRUCTURE BRIEFING (JOSH CORMAN)

4:00-5:30 PM — **ASK A HACKER CONVERSATIONS**
LOCATION: SANTA MONICA 2 (PLANET HOLLYWOOD HOTEL)

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5:30 -6:30 PM **REST TIME AT HOTEL (NO OFFICIAL PROGRAMMING)**

6:30-9:00 PM **RAPID7 POLICY RECEPTION AND WORKING DINNER**
LOCATION: *TBA*

DESCRIPTION: THE PROVIDER OF METASPLOIT (THE WELL-KNOWN PENETRATION TESTING SOFTWARE USED TO IDENTIFY SECURITY VULNERABILITIES) GATHERS THE SECURITY RESEARCH COMMUNITY AND POLICYMAKERS TO GET TO KNOW EACH OTHER AND IDENTIFY MUTUAL INTERESTS.

9:00 - 9:30 PM **TRAVEL TO HOTEL**

FRIDAY, AUGUST 9TH

8:00 - 9:00 AM **MEET WITH MGM CHIEF INFORMATION SECURITY OFFICER**
SCOTT HOWITT, SENIOR VICE PRESIDENT AND CHIEF SECURITY INFORMATION OFFICER
LOCATION: TUSCANY SUITES

DESCRIPTION: CASINOS ARE KNOWN TARGETS OF INTERNATIONAL CYBER OPERATIONS. IN 2014 IRANIAN HACKERS LAUNCHED AN ATTACK ON SANDS LAS VEGAS CORPORATION IN LAS VEGAS, COSTING THE COMPANY MORE THAN $40 MILLION. CASINOS HAVE BEEN FORCED TO BOLSTER THEIR OPERATIONAL SECURITY AND CONSTANTLY MONITOR FOR INTERNATIONAL THREATS. IN THIS MEETING, THE MGM CISO WILL PROVIDE INSIGHT INTO HOW ONE OF THE LARGEST RETAIL, HOSPITALITY AND GAMBLING COMPANIES IN THE WORLD PROTECTS ITS NETWORKS AGAINST NATION STATE AND CRIMINAL HACKERS AND THE ROLE THE PRIVATE SECTOR PLAYS AS A FIRST LINE OF DEFENSE AGAINST THESE ADVERSARIES.

9:00 - 9:30 AM **TRAVEL TO PARIS HOTEL**

9:30 AM – 10:00 AM PARIS GREEN ROOM: PREPARE FOR MAIN STAGE PANEL

10:00–11:00 AM **MAIN STAGE PANEL: THE ENEMY OF MY ENEMY IS MY FRIEND**

DESCRIPTION: A SIMULATED CRISIS IS UNFOLDING ON A NATIONAL SCALE, BASED LOOSELY ON THE NOTPETYA ATTACK OF 2017. TRIGGERED BY A YET-UNKNOWN ADVERSARY, WHAT STARTED AS A AN ISOLATED TECHNICAL ISSUE HAS QUICKLY ESCALATED INTO A SOCIETY-WIDE EVENT AFFECTING MILLIONS OF CITIZENS, SEVERAL INDUSTRIES, AND SPANNING GOVERNMENT JURISDICTIONS. WHO IS IN CHARGE, HOW DO THEY COOPERATE WITH OTHERS, AND HOW DO THEY MAKE DECISIONS? JOIN PUBLIC POLICYMAKERS TOGETHER AND SECURITY RESEARCHERS TO DISCOVER HOW OUR NATION MIGHT RESPOND TO A WIDE-SCALE "CYBER CRISIS". UNDERSTAND WHAT LEVERS OF POWER CONGRESS YIELDS AND HOW MEMBERS CAN ADDRESS POLICY GAPS IN THE FUTURE.

LOCATION: PARIS HOTEL, TRACK 2

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11:00 AM – 11:30 AM TRAVEL TO PLANET HOLLYWOOD **(REP. LANGEVIN DEPARTS)**

11:30 AM – 12:30 PM **MEMBER VISIT TO R00TZ**

12:00 PM – 2:00 PM **WORKING LUNCH WITH GUEST BRIEFER CHRIS WYSOPAL**
LOCATION: SANTA MONICA 2 (PLANET HOLLYWOOD HOTEL)
DESCRIPTION: CHRIS WYSOPAL (KNOWN BY HIS HACKER HANDLE WELD POND) WAS A FOUNDING MEMBER OF THE HACKER COLLECTIVE KNOWN AS L0PHT HEAVY INDUSTRIES, WHICH

TESTIFIED BEFORE THE US SENATE HOMELAND SECURITY &GOVERNMENTAL AFFAIRS COMMITTEE BACK IN 1998. THE TESTIMONY MADE NATIONAL NEWS WHEN THE GROUP ANNOUNCED THEY COULD TAKE DOWN THE INTERNET IN 30 MINUTES. IT WAS ALSO THE FIRST-TIME HACKERS USING HANDLES APPEARED BEFORE A U.S. LEGISLATIVE BODY. IN THIS DISCUSSION CHRIS WILL SHARE HIS PERSPECTIVE ON THE STATE OF GOVERNMENT CYBERSECURITY AND WHAT, IF ANYTHING, HAS CHANGED SINCE HIS ORIGINAL TESTIMONY.

2:00 – 2:20 PM **TRAVEL TO BALLY'S**

2:20- 5:30 PM **VILLAGE TOURS, VILLAGE TALKS, AND EXPLORATION**

2:30 – 3:00 PM **SOCIAL ENGINEERING VILLAGE AT DEFCON**
IT IS WELL-KNOWN IN THE SECURITY INDUSTRY THAT HUMANS REPRESENT ONE OF THE GREATEST LIABILITIES TOWARD SECURING SYSTEMS, NETWORKS, AND DEVICES. WHILE TECHNOLOGICAL ADVANCEMENTS HAVE AUTOMATED MANY DEFENSE PROCESSES, AS LONG AS HUMANS CONTINUE TO INTERACT DIRECTLY WITH THEIR TECHNOLOGIES, HUMAN-BASED VULNERABILITIES WILL PERSIST. HACKERS CONTINUE TO TAKE ADVANTAGE OF THESE INHERENT HUMAN FLAWS, A PROCESS KNOWN AS SOCIAL ENGINEERING. THE SOCIAL ENGINEERING VILLAGE AT DEFCON WILL HIGHLIGHT CURRENT TRENDS IN SOCIAL ENGINEERING ATTACKS AND DISCUSS BEST DEFENSIVE PRACTICES TO THWART WOULD-BE INVADERS.

3:00 – 3:30 PM **INDUSTRIAL CONTROL SYSTEMS VILLAGE AT DEFCON**
EXPLORE THE SOFTWARE AND HARDWARE VULNERABILITIES IN OUR NATION'S CRITICAL INFRASTRUCTURE. HOW CAN AMERICA BETTER PROTECT CRITICAL INFRASTRUCTURE AGAINST CYBER ATTACK? WHO ARE THE MAIN THREAT ACTORS AND WHAT IS THE LIKELIHOOD THESE KINDS OF ATTACKS WILL OCCUR? THE ICS VILLAGE AT DEFCON WILL OFFER AN IN-DEPTH EXAMINATION OF CRITICAL INFRASTRUCTURE CYBER DEFENSES, HIGHLIGHTING EXISTING WEAKNESSES AND WHAT SHOULD BE DONE TO SECURE THESE MOST IMPORTANT SYSTEMS.

3:30 – 4:00 PM **CAR HACKING VILLAGE**
THE PRIMARY GOAL OF THE CAR HACKING VILLAGE IS TO BUILD A COMMUNITY AROUND DISCOVERING WEAKNESSES AND EXPOSING VULNERABILITIES THAT COULD SIGNIFICANTLY IMPACT THE SAFETY AND SECURITY OF ALL DRIVERS AND PASSENGERS ON THE ROAD TODAY. VISITING THIS VILLAGE OFFERS LIVE DEMONSTRATIONS OF THE FUNCTIONALITY OF VEHICLE SYSTEMS AND EXISTING SOFTWARE AND HARDWARE VULNERABILITIES.

4:00 – 4:30 PM **AVIATION VILLAGE**
THE AVIATION INDUSTRY, SECURITY RESEARCHERS, AND THE PUBLIC SHARE A COMMON GOAL: SAFE, RELIABLE, AND TRUSTWORTHY AIR TRAVEL. FOR TOO LONG, NEGATIVE PERCEPTIONS AND FRACTURED TRUST ON ALL SIDES HAVE HELD BACK COLLABORATION BETWEEN THE AVIATION AND SECURITY RESEARCHER COMMUNITIES THAT HAS ADVANCED SAFETY, RELIABILITY, AND SECURITY OF OTHER INDUSTRIES. AS THE TRADITIONAL DOMAINS OF AVIATION SAFETY AND CYBERSECURITY INCREASINGLY OVERLAP, WE WILL BE SAFER, SOONER, TOGETHER.

4:30 – 5:00 PM **HACK THE SEA VILLAGE**
MODERN SHIPS ARE INCREASINGLY AUTOMATED WITH INDUSTRIAL CONTROL SYSTEMS (ICS), AND NETWORKED VIA SATELLITE AND CELLULAR BROADBAND COMMUNICATIONS, MAKING THEM A FLOATING EXTENSION OF THE INTERNET OF THINGS (IOT). $19 TRILLION IN GOODS, ABOUT THE VALUE OF THE ENTIRE U.S. ECONOMY, IS TRANSPORTED BY THESE SHIPS ANNUALLY, PROVIDING A STRONG INCENTIVE FOR CRIMINALS TO ATTACK THE COMPUTERS ON WHICH THE MARITIME INDUSTRY NOW DEPENDS. BEYOND THE FINANCIAL STAKES, THESE CYBER-PHYSICAL ATTACKS POSE SIGNIFICANT RISK TO PUBLIC SAFETY AND HUMAN LIFE.

5:00 – 5:30 PM **AI VILLAGE**
FROM FUNDAMENTAL RESEARCH TO PUBLIC POLICY POSITIONS, THE AI VILLAGE SEEKS TO BUILD CONNECTIONS BETWEEN THE AI AND SECURITY RESEARCH COMMUNITIES. TO QUELL MOUNTING DISCOMFORT AND DEMOCRATIZE THE KNOWLEDGE NEEDED TO CAPITALIZE ON AI'S PRODIGIOUS POTENTIAL.

4:30 – 5:30 PM **FYI: SEN. WYDEN MAINSTAGE TALK**
LOCATION: PARIS TRACK II

5:30 – 6:30 PM **REST TIME AT HOTEL (NO OFFICIAL PROGRAMMING) (REP. LIEU AND PRESIDENT HARMAN DEPART)**

6:30 – 7:00 PM **TRAVEL TO DINNER**

7:00-9:00 PM **INTERNATIONAL PERSPECTIVES DINNER**
DESCRIPTION: MEET WITH THE INTERNATIONAL POLICY AND SECURITY RESEARCHER COMMUNITY, DISCUSSING HOW DIFFERENT NATIONS VIEW CYBERSECURITY, NATIONAL STRATEGIES, COLLABORATION AND COOPERATION, AND CYBER WAR. INVITED GUESTS REPRESENT THE UK, AUSTRALIA, ISRAEL, JAPAN, INDIA, IRELAND, ITALY, AND MORE.

SPEAKERS: RICHARD MANNING (UK NCSC), MATT ANDERSON (AUSTRALIA ACSC), KEREN ELAZARI (ISRAEL), STEFANO ZANERO (ITALY), BRIAN HONAN (IRELAND), ANTRIKSH SHAH (INDIA), MIHO MATSUBARA (JAPAN), KANA SHINODA (JAPAN), ART MANION (CERT/CC)

LOCATION: TBC

9:00 – 9:30 PM **TRAVEL TO HOTEL**

SATURDAY, AUGUST 10TH

7:00 -7:30 AM **CHECK-OUT OF HOTEL; TRAVEL TO BREAKFAST**

7:30 – 9:00 AM **OFFENSIVE VS. DEFENSIVE CYBERSECURITY: A LEGAL PERSPECTIVE**
LOCATION: *SANTA MONICA 2(PLANET HOLLYWOOD HOTEL)*
DESCRIPTION: TWO OF OUR HACKER SHERPAS, WHO ARE SEASONED CYBER LEGAL EXPERTS, WILL SHARE THEIR EXPERIENCES AND PERSPECTIVES ON THE INTERACTION OF OUR EXISTING LEGAL SYSTEM AND THE EVER-CHANGING WORLD OF CYBERSECURITY FROM TWO DIFFERING POINTS OF VIEW—THE OFFENSIVE AND DEFENSIVE.

9:00 – 11:30 AM **VILLAGE TOURS, VILLAGE TALKS, AND EXPLORATION**

9:00 – 9:30 AM **ROOTZ ASYLUM VILLAGE AT DEFCON**
LOCATION: *PLANET HOLLYWOOD HOTEL*

DESCRIPTION: THE ROOTZ ASYLUM IS DEFCON'S CHILD-FOCUSED EDUCATIONAL HACKING PROGRAM, INSTILLING YOUNG HACKERS WITH THE SKILLS AND KNOW-HOW TO BECOME THE NEXT GENERATION OF INNOVATORS IN THIS SPACE. PARTICIPANTS WILL LEARN ABOUT DEFCON'S CONTINUING EFFORTS TO FOSTER A CYBER-TALENT POOL, ENCOURAGE GENDER PARITY, AND GIVE THESE YOUNG HACKERS THE PROPER ETHICAL BACKING TO BE A SOURCE FOR GOOD. THEY WILL BE PAIRED WITH A CHILD "HACKER" ON SPECIFIC DEMONSTRATIONS.

9:30 – 10:00 AM **VOTING VILLAGE AT DEFCON**

THROUGH A MIXTURE OF DEMONSTRATIONS AND DISCUSSION, UNDERSTAND IN DETAIL THE RISKS RELATED TO ELECTION SECURITY AND EXISTING VULNERABILITIES IN LEGACY VOTING SYSTEMS. THE VOTING VILLAGE WILL HELP TO ILLUSTRATE THE PERVASIVENESS OF AND NATURE OF VOTING SYSTEM VULNERABILITIES, AS WELL AS FACILITATE A DISCUSSION ABOUT WHAT CAN BE DONE ON THE TECHNICAL LEVEL TO SECURE THESE CRITICAL SYSTEMS.

10:00 – 10:30 AM **BIOHACKING**

FEATURING TALKS, AS WELL AS HANDS ON LABS FOR BIOHACKING AND MEDICAL DEVICE SECURITY RESEARCH, THE BIOHACKING VILLAGE SEEKS TO CREATE A SAFE SPACE FOR INDIVIDUALS ACROSS THE TRADITIONAL AND NON-TRADITIONAL HEALTHCARE COMMUNITIES TO COME TOGETHER, LEVERAGING THE BEST TECHNOLOGY HAS TO OFFER, IN THE SERVICE OF PUBLIC HEALTH AND WELLNESS.

10:30 – 11:00 AM **CRYPTO AND PRIVACY**

BRINGING AWARENESS AND EDUCATION ABOUT CRYPTOGRAPHY AND PRIVACY ISSUES, WITH DISCUSSIONS FROM THE LATEST TECHNICAL TECHNIQUES TO PUBLIC POLICY DISCUSSIONS.

(TIME PERMITTING) CAPTURE THE FLAG

DEF CON'S CAPTURE THE FLAG (CTF) COMPETITION IS THE MOST PRESTIGIOUS OF ALL HACKER PRIZES. EVERY YEAR TEAMS FROM AROUND THE WORLD BATTLE EACH OTHER – AND THE GAME DESIGN – TO WIN BRAGGING RIGHTS AND A COVETED BLACK BADGE, GUARANTEEING LIFETIME ENTRY TO DEF CON. PARTICIPANTS DEMONSTRATE THE CUTTING EDGE OF CYBERSECURITY INGENUITY IN AN OPEN VENUE. NATION STATES LEARN FROM THEM, AMATEURS WANT TO BE THEM, THIS IS THE OLYMPICS OF HACKING.

11:30 AM – 12:00 PM **TRANSFER TO AIRPORT**

12:00 – 1:00 PM **LUNCH AND FINAL DEBRIEF**

1:30 PM **FLIGHT FROM LAS VEGAS (LAS) TO WASHINGTON DULLES (IAD)**

8:52PM **ARRIVE IN WASHINGTON DC**

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