

**SILICON  
VALLEY  
2013**

World  
**Cyberspace  
Cooperation  
Summit IV**

**Nov. 5**

SIEPR  
STANFORD UNIVERSITY

**Nov. 6**

SIEPR/STANFORD UNIVERSITY  
PALANTIR PALO ALTO

# AGENDA



Securing cyberspace is a global challenge—one that cannot be solved by a single company or country alone.

The **World Cyberspace Cooperation Summit** brings together government and corporate partners to protect our world's digital infrastructure.

#### SUMMIT THEMES:

Infrastructure  
Protection

Economic &  
Legal Impacts

Cybersecurity  
Cooperation

NOV. 5

SIEPR

STANFORD UNIVERSITY

**VENUE: STANFORD UNIVERSITY**

Frances C. Arrillaga Alumni Center  
326 Galvez Street, Stanford, CA 94305

John A. and Cynthia Fry Gunn Building  
366 Galvez Street, Stanford, CA 94305

Landau Economics Building  
579 Serra Mall, Stanford, CA 94305

**08:00 – 09:00 REGISTRATION**

(Frances C. Arrillaga Alumni Center)

**09:00 – 09:10 WELCOME**

(Frances C. Arrillaga Alumni Center)

**John Edwin Mroz**, President and CEO, EastWest Institute

**Ross Perot, Jr.**, Chairman, EastWest Institute; Chairman, Hillwood

**John B. Shoven**, The Trione Director of SIEPR; Charles R. Schwab Professor of Economics, Stanford University

**Sergio Benedetto**, President-Elect, IEEE Communications Society

**09:10 – 09:35 KEYNOTE REMARKS:**

**SHARING THE RESPONSIBILITY FOR MAINTAINING CYBERSECURITY**

(Frances C. Arrillaga Alumni Center)

Chair: **Ross Perot, Jr.**, Chairman, EastWest Institute; Chairman, Hillwood

Keynote Speaker: **Cai Mingzhao**, Minister, State Council Information Office of China

**09:35 – 10:20 PLENARY SESSION I:**

**THE NECESSITY FOR COOPERATION IN CYBERSPACE**

(Frances C. Arrillaga Alumni Center)

Governments, companies, and civil society entities all participate in and depend on a safe and reliable cyber environment. However, no single actor or set of actors can ensure the safety, security, and reliability of cyberspace on its own. Therefore, as complexity in cyberspace increases, the stakes are heightened, making cooperation both more challenging and more critical. Panelists will discuss current cooperation in cyberspace and ways to improve it.

Chair: **Bruce McConnell**, Senior Vice President, EastWest Institute; Former Deputy Under Secretary for Cybersecurity, U.S. Department of Homeland Security



Panelists:	<p><b>Dirk Brengelmann</b>, Commissioner for International Cyber Policy, Federal Foreign Office, Germany</p> <p><b>Scott Charney</b>, Corporate Vice President, Trustworthy Computing, Microsoft</p> <p><b>Christopher Painter</b>, Coordinator for Cyber Issues, U.S. Department of State</p> <p><b>Latha Reddy</b>, Former Deputy National Security Adviser of India; Distinguished Fellow, EastWest Institute</p>
<b>10:20 – 11:00</b>	<p><b>PLENARY SESSION II:</b></p> <p><b>PRIVACY &amp; SECURITY: CORE INTERESTS AND NEW REALITIES</b></p> <p>(Frances C. Arrillaga Alumni Center)</p> <p>Governments’ national security interests drive them to maximize their access to information. On the other hand, private interests are increasingly demanding transparency into the process used to manage government information collection. It is challenging enough for any one country to manage this tension, but recent revelations have magnified and extended the tension across borders. This panel convenes private and public views on how these tensions can be managed.</p>
Chair:	<b>Larry Kramer</b> , President, The William and Flora Hewlett Foundation
Panelists:	<p><b>Sameer Bhalotra</b>, Chief Operating Officer, Imperium; Former Senior Director for Cybersecurity, The White House</p> <p><b>Beatrice Covassi</b>, Digital Agenda and ICT Counselor, EU Delegation to the United States</p> <p><b>Abraham D. Sofaer</b>, George P. Shultz Senior Fellow in Foreign Policy and National Security Affairs, Hoover Institution, Stanford University</p> <p><b>Bill Woodcock</b>, Executive Director, Packet Clearing House</p>
<b>11:00 – 11:35</b>	<p><b>NETWORKING BREAK</b></p> <p>(SIEPR-Gunn Building &amp; Landau Economics Building)</p>
<b>11:35 – 13:00</b>	<p><b>BREAKTHROUGH GROUPS: PART I</b></p> <p>(SIEPR-Gunn Building &amp; Landau Economics Building)</p>
<b>Breakthrough Group I</b>	<p><b>Optimizing Policy for Secure Cloud Enablement</b></p> <p>(SIEPR-Gunn Building: Koret-Taube Conference Center, Room B)</p> <p>Network architects, engineers and even casual consumers recognize the reduced control associated with cloud storage and cloud services. On one hand, there are increasing concerns about data passing through, residing in, or in the control of, other countries. However, on the other hand, the global drive to reduce costs in a highly competitive world seems to make this trade-off inevitable. In an effort to maintain more control, some governments such as the EU, have placed limitations on the data flow of their citizens’ data, reducing the potential benefit for cost savings. Given the seemingly unavoidable shift to cloud storage and services, how can Agreements, Standards, Policies and Regulations (ASPR) be optimized to provide the most secure cloud environment? This session is intended to identify the gaps in international policy, rank them by priority, and then suggest solutions for resolving them, in order to achieve both the fullest possible benefits of these architectures and protect the stakeholder interests.</p>
Co-chairs:	<p><b>Lt. General (ret.) Harry D. Raduege, Jr.</b>, Chairman, Deloitte Center for Cyber Innovation</p> <p><b>Richard Zhao</b>, Founder and Board Member, Greater China Cloud Security Alliance; Chief Strategy Officer, NSFfocus; Senior Fellow, EastWest Institute</p>

Champions:	<b>Royal Hansen</b> , Managing Director, Goldman Sachs <b>John Savage</b> , An Wang Professor of Computer Science, Brown University
Chief Editor:	<b>Stuart Goldman</b> , Senior Fellow, EastWest Institute; Bell Labs Fellow, (fmr.) Alcatel-Lucent
<b>Breakthrough Group III</b>	<p><b>Emergency Preparedness for the Financial Services Sector for International Crises in Cyberspace</b> (SIEPR-Gunn Building: Dixon and Carol Doll Conference Room - 320)</p> <p>The financial services sector plays a vital role throughout all society and is increasingly electronic and international, and as a result, increasingly exposed to cyber challenges. A conclusion from a previous Summit's convened experts was that the sector's preparation for a major international crisis in cyberspace is insufficient. This session will seek to (1) rank the priority functions at an international level, (2) review next steps for shoring up the sector's emergency preparedness at an international level and (3) transform the international emergency preparedness capability from facing an extreme event with "trying our very best" to "best prepared for the most trying."</p>
Chair:	<b>Ed Powers</b> , National Managing Principal, Security & Privacy, Deloitte
Champions:	<b>Valerie Abend</b> , Senior Critical Infrastructure Officer, Office of the Comptroller of the Currency, U.S. Treasury Department; Chair, Federal Financial Institutions Examination Council's Cybersecurity and Critical Infrastructure Working Group <b>John Hurley</b> , Managing Partner, Cavalry Asset Management; Member, Board of Directors, EastWest Institute
Chief Editor:	<b>Wayne Pacine</b> , Interagency Project Manager, Board of Governors, U.S. Federal Reserve System
<b>Breakthrough Group IV</b>	<p><b>International Critical Infrastructure Protection</b> (SIEPR-Gunn Building: Koret-Taube Conference Center, Room A)</p> <p>The set of agreements commonly known as ASPR (Agreements, Standards, Policies and Regulations) is integral in facilitating essential services, including those that affect national and international critical infrastructures in the public and private sectors. However, gaps in the framework jeopardize protection, endangering the provision of critical services such as energy, transportation, finance, and health care. This session will seek to identify such gaps and propose ways to close them.</p>
Co-chairs:	<b>Philippe Baumard</b> , Professor in Economic Policy and Strategy, Ecole Polytechnique <b>Curt Hébert</b> , Co-Chair, Electric Cyber Security Initiative, Bipartisan Policy Center
Champions:	<b>Donald A. Purdy, Jr.</b> , Chief Security Officer, Huawei Technologies USA <b>Roberta Stempfley</b> , Acting Assistant Secretary, U.S. Department of Homeland Security
Chief Editor:	<b>Gib Godwin</b> , President, BriteWerx, Inc.

<b>Breakthrough Group VI</b>	<p><b>Acts of Aggression in Cyberspace</b> (Landau Economics Building: Lucas Conference Center A)</p> <p>This session will seek to identify and close ASPR (Agreements, Standards, Policies and Regulations) gaps in expectations around the acceptability of aggressive actions in cyberspace, whether they are conducted by governments, businesses or NGOs.</p> <p>Co-chairs: <b>Shmuel Bar</b>, Founder &amp; CEO, IntuView  <b>Michael Chertoff</b>, Chairman and Co-Founder, Chertoff Group;  Former U.S. Secretary of Homeland Security; Member, Board of Directors, EastWest Institute  <b>Kanwal Sibal</b>, Former Foreign Secretary of India; Member, Board of Directors, EastWest Institute</p> <p>Champions: <b>Bryan Cunningham</b>, Principal, Bryan Cunningham Law  <b>Tim McKnight</b>, Executive Vice President, Information Security &amp; Technology Risk, Fidelity Investments  <b>Joseph Nye</b>, Distinguished Service Professor, Harvard University</p> <p>Chief Editors: <b>Merritt R. Baer</b>, Cyber Strategy and Consulting, Merritt Rachel Baer, LLC  <b>Roger Hurwitz</b>, Research Scientist, Computer Science &amp; Artificial Intelligence Laboratory, Massachusetts Institute of Technology</p>
<b>11:35 – 13:00</b>	<p><b>SPECIAL TRACK ON DIPLOMATIC STRATEGIES FOR STABILITY IN CYBERSPACE</b></p> <p>In a series of two sessions, participants will review progress in international diplomacy to promote stability in cyberspace. The track will assess the state of global consensus and map out an international diplomatic action plan for 2014. The sessions will be conducted as working groups with speakers designated only for the purpose of initiating discussion, not as formal panels.</p>
<b>Session I</b>	<p><b>Addressing Cyber Instability: The Emerging 2014 Diplomatic Agenda</b> (Landau Economics Building: Lucas Conference Center B)</p> <p>This session will map out leverage points for shaping more effective outcomes in diplomacy through the next year.</p> <p>Co-chairs: <b>Petr Gandalovič</b>, Ambassador of the Czech Republic to the United States  <b>Latha Reddy</b>, Former Deputy National Security Adviser of India; Distinguished Fellow, EastWest Institute</p> <p>Discussants: <b>Sandro Gaycken</b>, Senior Researcher, Institute of Computer Science, Freie Universität Berlin  <b>John Mallery</b>, Research Scientist, MIT Computer Science &amp; Artificial Intelligence Laboratory  <b>General (ret.) T. Michael Moseley</b>, Moseley and Associates, LLC; Former Chief of Staff, United States Air Force; Member, Board of Directors, EastWest Institute  <b>Christopher Painter</b>, Coordinator for Cyber Issues, U.S. Department of State</p>
<b>13:00 – 13:30</b>	<p><b>NETWORKING BREAK</b> (SIEPR-Gunn Building &amp; Landau Economics Building)</p>

**13:30 – 14:30** **BREAKTHROUGH GROUPS: PART II - WORKING LUNCHEON**  
(SIEPR-Gunn Building & Landau Economics Building)

**BG I** **Optimizing Policy for Secure Cloud Enablement**  
(SIEPR-Gunn Building: Koret-Taube Conference Center, Room B)

**BG III** **Emergency Preparedness for the Financial Services Sector for International Crises in Cyberspace**  
(SIEPR-Gunn Building: Dixon and Carol Doll Conference Room - 320)

**BG IV** **International Critical Infrastructure Protection**  
(SIEPR-Gunn Building: Koret-Taube Conference Center, Room A)

**BG VI** **Acts of Aggression in Cyberspace**  
(Landau Economics Building: Lucas Conference Center A)

**13:30 – 14:30** **SPECIAL TRACK ON DIPLOMATIC STRATEGIES FOR STABILITY IN CYBERSPACE**  
**WORKING LUNCHEON**

**Session II** **Interdependence in Critical Infrastructure: The Diplomatic Impacts**  
(Landau Economics Building: Lucas Conference Center B)

This session will review the need for new attention on cross-border dependencies in Information and Communications Technology (ICT), related services and critical national infrastructure in order to underpin a more rapid move to optimal positions in the diplomacy of cyberspace.

Chair: **Joseph Nye**, Distinguished Service Professor, Harvard University

Discussants: **Greg Austin**, Professorial Fellow & Director, Policy Innovation Unit, EastWest Institute  
**Kamlesh Bajaj**, CEO, Data Security Council of India (DSCI)

**14:30 – 14:45** **NETWORKING BREAK**

**14:50 – 16:00** **PLENARY SESSION III:**  
**THE ECONOMIC DIMENSIONS OF SECURING CYBERSPACE**  
(Frances C. Arrillaga Alumni Center)

Economic growth as well as economic stability is now highly correlated with cybersecurity. The cost of securing cyberspace is not trivial, neither is it under control. Are we doing enough? Are we doing the right things? How would we know? This panel will feature unique insights into the economic dimension of securing cyberspace that must be addressed at the international level.

Chair: **Ellen Richey**, Chief Enterprise Risk Officer, Visa Inc.

Panelists: **Robert N. Campbell**, Founder & CEO, Campbell Global Services LLC;  
Member, Board of Directors, EastWest Institute  
**Ronald P. O'Hanley**, President, Asset Management, Fidelity Investments;  
Member, Board of Directors, EastWest Institute  
**Roberta Stempfley**, Acting Assistant Secretary, U.S. Department of Homeland Security  
**Philip J. Venables**, Chief Information Risk Officer, Goldman Sachs

**16:00 – 16:30 LATEST GLOBAL THREATS FROM HARMFUL HACKING**

(Frances C. Arrillaga Alumni Center)

Cyberspace has created complex challenges to domestic and international security. The problems traditionally associated with asymmetric threat landscapes persist in cyberspace: easy to attack, difficult to defend; perpetrated by the few, victimizing the many. What's more, the threats continue to evolve and adapt. In this exciting, interactive session, our speakers will discuss the dynamic global threat landscape and answer provocative questions concerning tomorrow's risks.

Chair: **Bruce McConnell**, Senior Vice President, EastWest Institute;  
Former Deputy Under Secretary for Cybersecurity, U.S. Department of Homeland Security

Speaker: **David DeWalt**, Chairman & CEO, FireEye; Chairman, Mandiant

**16:30 – 17:00 NETWORKING BREAK**

(SIEPR-Gunn Building & Landau Economics Building)

**17:00 – 18:00 POLICY BRIEFINGS**

(SIEPR-Gunn Building & Landau Economics Building)

**Policy Briefing I Cyberspace Security and Reliability: A German Perspective**

(SIEPR-Gunn Building: Koret-Taube Conference Center, Room B)

At the crossroads of commerce and politics in Europe, the German Federal Government is increasingly focused on the role of a secure and reliable cyberspace in promoting economic growth while preserving individual rights. The development of its Cyber Security Strategy positions cybersecurity as core to maintaining and promoting economic and social prosperity in Germany, balancing private, civilian, and military roles. This session will explore the domestic issues inherent in Germany's strategy and the international implications of its approach.

Panelists: **Dirk Brengelmann**, Commissioner for International Cyber Policy, Federal Foreign Office, Germany  
**Sandro Gaycken**, Senior Researcher, Institute of Computer Science, Freie Universität Berlin

**Policy Briefing II Measuring the Cybersecurity Problem**

**Part 1** (SIEPR-Gunn Building: Koret-Taube Conference Center, Room A)

(17:00-17:30)

The best assessments of the frequency and damages of cybersecurity compromises are very incomplete. The simple truth is that we do not even know the order of magnitude of the number of compromises or of the personal records accessed. No one knows how bad the impact really is, and the trends—increased complexity, increased connectivity, and increased criticality—are all forces that will make the problem worse in the foreseeable future. This initiative is driving voluntary private sector cooperation to produce the first worldwide, high level benchmarks for cybersecurity. This session will provide a progress report.

Chair: **Erin Nealy Cox**, Executive Managing Director, Stroz Friedberg



Panelists:	<b>Tom Gann</b> , Vice President for Public Policy, McAfee <b>Karl F. Rauscher</b> , Chief Technology Officer & Distinguished Fellow, EastWest Institute; Bell Labs Fellow
<b>Policy Briefing II</b> <b>Part 2</b> (17:30-18:00)	<b>Collaboration Enhancing the Stability of Global Connectivity</b> (SIEPR-Gunn Building: Koret-Taube Conference Center, Room A)  The Global Undersea Communications Cable Infrastructure (GUCCI) underpins the world's economy, supporting an estimated \$10 trillion dollars worth of financial-services transactions daily. It is also used to support research, education, information, business transactions, social interactions and remote military operations. As the sector is increasingly electronic and international, international connectivity is a crucial factor for individual institutions and the sector as a whole. This session will provide a progress report on implementation.
Co-chairs:	<b>Kanwal Sibal</b> , Former Foreign Secretary of India; Member, Board of Directors, EastWest Institute <b>Philip J. Venables</b> , Chief Information Risk Officer, Goldman Sachs
Panelists:	<b>Ronald J. Rapp</b> , Director, Industry and Marine Liaison, TE SubCom <b>Karl F. Rauscher</b> , Chief Technology Officer & Distinguished Fellow, EastWest Institute; Bell Labs Fellow
Chief Editors:	<b>Jack Howell</b> , Executive Director, IEEE Communications Society <b>Bill Vass</b> , CEO, Liquid Robotics
<b>Policy Briefing III</b>	<b>Priority International Communications - Staying Connected in Times of Crisis</b> (Landau Economics Building: Lucas Conference Center B)  Networks are increasingly exposed to the potential for massive congestion that impairs communications services, including those most important for public safety, economic stability and international security. Recent experiences have demonstrated the enormous demand for communications in the midst of catastrophes. Though international standards (i.e., ITU-T, IETF) have existed for over a decade, the lack of their implementation is a prime example of stalled Agreements, Standards, Policies and Regulations (ASPR). This breakthrough initiative is driving the implementation of an international priority communications capability that will overcome the obstacles of lack of awareness, economics and private-public cooperation. This session will provide a progress report on implementation.
Chair:	<b>Lt. General (ret.) Harry D. Raduege, Jr.</b> , Chairman, Deloitte Center for Cyber Innovation
Panelists:	<b>Stuart Goldman</b> , Senior Fellow, EastWest Institute; Bell Labs Fellow, (fmr.) Alcatel-Lucent <b>Bernard Malone III</b> , Co-Founder & Executive Vice President of Operations, Wireless Emergency Response Team (WERT)
Chief Editor:	<b>Melissa Sordyl</b> , President, Westover Management Group, Inc.

**Policy Briefing IV** | **International Cooperation on Fighting Spam and Botnets: Keeping Email and Texting**  
(Landau Economics Building: Lucas Conference Center A)

Earlier this year, *The New York Times* editorial board suggested an EWI China-U.S. bilateral report, entitled *Fighting Spam to Build Trust*, as recommended reading for presidents Obama and Xi in the context of the respective countries troubled relationship regarding cybersecurity. This report articulated two Recommendations and 46 voluntary Best Practices for the private sector. The implementation of this guidance has been championed by the international Messaging, Malware and Mobile Anti-Abuse Working Group (M3AAWG), which has extended this and other botnet-fighting skills and coordination to other countries, including India. This session will focus on how international cooperation can best confront anti-abuse messaging as billions of additional users, and devices come online in the coming years.

Co-chairs: **Jerry Upton**, Executive Director, M3AAWG  
**Zhou Yonglin**, Secretary General, Information & Network Security Committee,  
Internet Society of China

Panelists: **Jeff Greene**, Senior Policy Counsel, Cybersecurity and Identity, Symantec  
**Hiroya Izumi**, Director General, Institute for Information and Communications Policy,  
Ministry of Internal Affairs and Communications, Government of Japan  
**Suresh Ramasubramanian**, Special Advisor India, M3AAWG  
**Chris Roosenraad**, Co-Chairman, Board of Directors, M3AAWG; Director, Systems Engineering,  
Time Warner Cable

**18:00 - 18:45** | **COCKTAIL RECEPTION**  
(Frances C. Arrillaga Alumni Center)

**18:45** | **DINNER KEYNOTE/PANEL:**  
**FUTURE COOPERATION IN CYBERSPACE**  
(Frances C. Arrillaga Alumni Center)

Diversity is evident everywhere in today's world, magnified by increased transparency through the internet. This shift suggests that more distributed systems of governance may be required going forward. Panelists will discuss the implications for a new model of cooperation, and the necessary conditions for improved trust in cyberspace.

Introduction: **John B. Shoven**, The Trione Director of SIEPR; Charles R. Schwab Professor of Economics,  
Stanford University

Chair: **George P. Shultz**, Thomas W. and Susan B. Ford Distinguished Fellow, Hoover Institution,  
Stanford University; Honorary Chair, SIEPR; Former U.S. Secretary of State

Panelists: **Steven Chu**, Professor of Physics and of Molecular and Cellular Physiology, Stanford University;  
Former United States Secretary of Energy  
**John L. Hennessy**, President, Stanford University  
**William J. Perry**, Senior Fellow, Hoover Institution, Stanford University;  
Former U.S. Secretary of Defense

# NOV. 6

SIEPR  
STANFORD UNIVERSITY  
PALANTIR TECHNOLOGIES  
PALO ALTO

## VENUES:

From 09:00-11:00

Stanford Institute for Economic Policy Research (SIEPR)  
John A. and Cynthia Fry Gunn Building  
366 Galvez Street, Stanford, CA 94305

From 11:30-16:00

Palantir Technologies  
542 High Street, Palo Alto, CA 94301

**08:00 – 09:00** | **REGISTRATION**  
(Stanford University, SIEPR – Gunn Building)

**09:00 – 11:00** | **BREAKTHROUGH GROUPS**  
(Stanford University, SIEPR – Gunn Building)

**Breakthrough Group II** | **Enhancing International Cooperation for Law Enforcement for Cyber Crime**  
(SIEPR-Gunn Building: Koret-Taube Conference Center, Room A)

There is widespread agreement that the Internet is an essential economic enabler for competition at the global level. On the other hand, there is also broad agreement that the growing presence of crime in cyberspace is unacceptable, and that something has to be done. This session will explore the state of current cooperation and what improvements can be made.

Chair: **Joe Sullivan**, Chief Security Officer, Facebook

Champions: **Michael Barrett**, President, FIDO Alliance  
**Greg Shannon**, Chief Scientist, CERT, Carnegie Mellon University

Chief Editors: **Rich Baich**, Chief Information Security Officer, Enterprise Technology Services, Wells Fargo & Company  
**Patrick Flynn**, Director, Homeland & National Security Programs, McAfee

**Breakthrough Group VII** | **Internet Governance**  
(SIEPR-Gunn Building: Koret-Taube Conference Center, Room B)

This session will explore new approaches to bringing greater predictability in the interactions of Internet participants, be they nation-states, companies, civil society, or individuals. A variety of existing venues are attempting with limited success to address key issues such as cybersecurity, routing, quality of service, content restrictions, and intellectual property. These groupings include parts of the United Nations, the Internet Corporation for Assigned Names and Numbers (ICANN),

regional alliances, and purpose-specific groups, along with bilateral, multilateral, and multi-stakeholder meetings. What pathways can be created to give appropriate voice to all Internet participants in managing this globally shared resource?

Chair: **Bruce McConnell**, Senior Vice President, EastWest Institute;  
Former Deputy Under Secretary for Cybersecurity, U.S. Department of Homeland Security

**Policy Briefing** **Legal Issues in Cybersecurity**

(SIEPR-Gunn Building: Dixon and Carol Doll Conference Room - 320)

In many companies, cybersecurity and cyber risk are largely delegated to the Chief Information Officer or Chief Security Officer. As a result, many legal departments do not normally encounter cybersecurity issues in their everyday role, nor do companies expressly consider it in their risk analysis and risk mitigation calculus. Instead, legal departments are brought in after an event such as a data breach or other security incident has already occurred. Legal teams must then focus on managing legal liability, rather than proactively helping to set policy and manage risk. This session will look at how legal departments can inform cyber risk decisions, and investigate whether they need to be involved earlier in the process when companies make cybersecurity-related decisions.

Chair: **Jennifer Martin**, Director of Security Investigations, Symantec

Panelists: **Erin Nealy Cox**, Executive Managing Director, Stroz Friedberg  
**Bryan Cunningham**, Principal, Bryan Cunningham Law  
**David Fagan**, Partner, Covington & Burling LLP

**11:00 – 11:30** **RELOCATION TO PALANTIR TECHNOLOGIES FOR LUNCH & PLENARY SESSIONS**

**11:30 – 12:00** **KEYNOTE REMARKS:**  
**TECHNOLOGY AND TRUST IN CYBERSECURITY INFORMATION SHARING:**  
**LESSONS FROM THE FRONT LINES**  
(Palantir Technologies)

Chair: **John Edwin Mroz**, President and CEO, EastWest Institute

Keynote Speaker: **Shyam Sankar**, Director, Palantir Technologies

**12:00 – 12:30** **SPECIAL PRESENTATION:**  
**JOINT CHINA-U.S. POLICY REPORT ON HARMFUL HACKING**  
(Palantir Technologies)

This session will introduce the results of a two-year long China-U.S. bilateral focused on preventing harmful hacking. Chinese and American subject matter experts and stakeholders have been conducting extensive analyses of the current situation and, most importantly, the way forward with practical measures of meaningful cooperation. This 'hacking' study is the sequel to the co-authors' first bilateral report entitled *Fighting Spam to Build Trust* (2011), which the New York Times editorial board referred to as recommended reading for presidents Obama and Xi.

Co-chairs:	<b>Michael Chertoff</b> , Chairman and Co-Founder, Chertoff Group; Former U.S. Secretary of Homeland Security; Member, Board of Directors, EastWest Institute <b>Shi Xiansheng</b> , Vice President, Internet Society of China
Panelists:	<b>Karl F. Rauscher</b> , Chief Technology Officer & Distinguished Fellow, EastWest Institute; Bell Labs Fellow <b>Zhou Yonglin</b> , Secretary General, Information & Network Security Committee, Internet Society of China
<b>12:30 – 13:30</b>	<b>LUNCH</b> (Palantir Technologies)
<b>13:30 – 14:30</b>	<b>PLENARY SESSION IV: INTERNATIONAL COOPERATION IN FIGHTING CYBER CRIME</b> (Palantir Technologies) There is widespread agreement that the Internet is an essential economic enabler for competition at the global level. On the other hand, there is also broad agreement that the growing presence of crime in cyberspace is unacceptable, and that something has to be done. This panel will explore the state of current cooperation and what improvements can be made.
Chair:	<b>Fred Guterl</b> , Executive Editor, Scientific American
Panelists:	<b>Michael Barrett</b> , President, FIDO Alliance <b>Gail Kent</b> , United Kingdom National Crime Agency <b>Andrey Komarov</b> , CEO, IntelCrawler LLC; Head of International Projects, Group-IB <b>Amy Zegart</b> , Co-Director, Center for International Security and Cooperation (CISAC), The Freeman Spogli Institute for International Studies (FSI), Stanford University
<b>14:30 – 15:30</b>	<b>PLENARY SESSION V: SUCCESS STORIES AND WAY AHEAD</b> (Palantir Technologies) This panel will feature senior stakeholder reflections on the work of the Summit in enhancing international cooperation in cyberspace for development, governance and security. In addition, the panel will look to the future and identify the emerging policy and management issues requiring attention.
Chair:	<b>Bruce McConnell</b> , Senior Vice President, EastWest Institute; Former Deputy Under Secretary for Cybersecurity, U.S. Department of Homeland Security
Panelists:	<b>Kamlesh Bajaj</b> , CEO, Data Security Council of India (DSCI) <b>Dirk Brengelmann</b> , Commissioner for International Cyber Policy, Federal Foreign Office, Germany <b>Matt Bross</b> , Chairman and CEO, IP Partners; Member, Board of Directors, EastWest Institute <b>Addison Fischer</b> , Co-Founder & President, Planet Heritage Foundation; Member, Board of Directors, EastWest Institute <b>John Hurley</b> , Managing Partner, Cavalry Asset Management; Member, Board of Directors, EastWest Institute <b>Latha Reddy</b> , Former Deputy National Security Adviser of India; Distinguished Fellow, EastWest Institute



# Breakthrough Groups

## Special Track Session

### Policy Briefings

Summit participants have the opportunity to be involved in the working program during 4 separate time slots: three on the first day, and one on the second day. These sessions are held when there is no plenary program so participants will not be missing any of those speeches or panels.

There are 3 types of sessions in the Working Program.

#### **Breakthrough Groups**

These interactive sessions focus on a specific problem that is of high consequence globally but remains unsolved due to stalled or non-existent Agreements, Standards, Policies, or Regulations (ASPR). Most participants will be serving in their capacity as subject matter experts or stakeholders in these sessions. Some in the group will be serving in 3 special roles: Chairs, who introduce the challenge, oversee the timely execution of the session, and help keep it on track; Champions, who facilitate the discussion; and Chief Editors who capture the key observations and points of consensus.

The BG process seeks to master the essential aspects of a problem and its best solutions by crisply articulating these essential aspects:

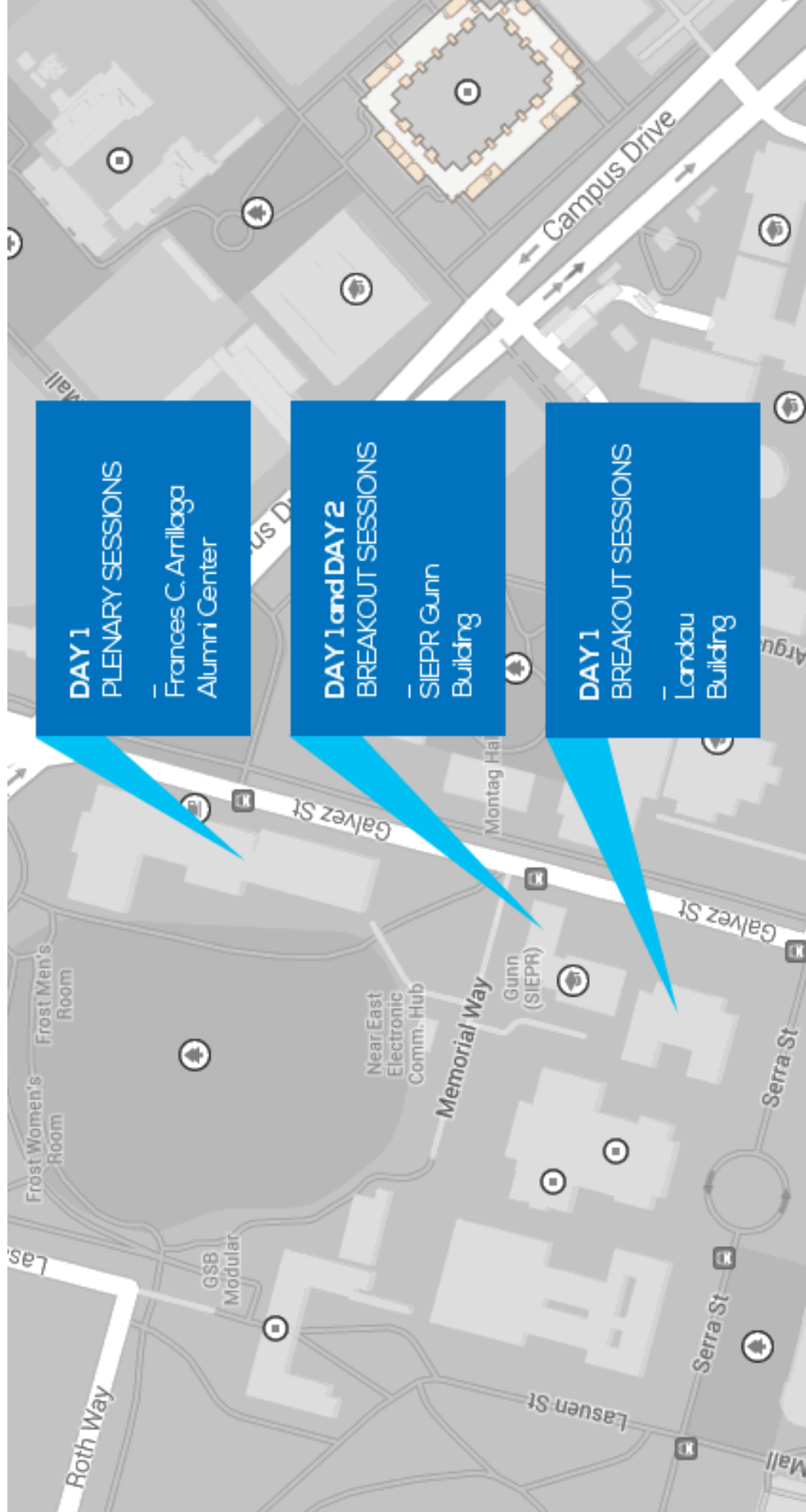
- Essential background of the issue
- Concise recommendation statement
- Required commitments to implement the recommendation
- Alternatives to this recommendation and their consequences
- Benefits of implementing this recommendation
- Next steps
- Measures of success

#### **Special Track Sessions on Diplomatic Strategies for Stability in Cyberspace**

These sessions will be conducted as working groups with speakers designated only for the purpose of initiating discussion, not as formal panels. Participants will review progress in international diplomacy to promote stability in cyberspace.

#### **Policy Briefings**

These sessions provide updates on subjects where progress is underway for solving what previously were seemingly intractable problems in international policy. Participants will receive updates from subject matter experts and stakeholders about specific policy breakthroughs of high consequence to the safety, stability, and security of cyberspace.



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