

ISSWorld® North America

Intelligence Support Systems for Electronic Surveillance,
Social Media/Dark Web Monitoring and Cyber Crime Investigations

SEPTEMBER 5-7, 2018 • WASHINGTON DC



Exhibiting Sponsors and Presenting Companies



SEPTEMBER 5-7, 2018 • WASHINGTON DC

ISS World North America is the world's largest gathering of North American Law Enforcement, Homeland Security, Defense, Public Safety and other members of the Government Intelligence Community as well as Telecom Operators responsible for cyber threat intelligence gathering, DarkNet monitoring, lawful interception and cybercrime investigations.

ISS World Programs present the methodologies and tools for Law Enforcement, Public Safety and Government Intelligence Communities in the fight against drug trafficking, cyber money laundering, human trafficking, terrorism and other criminal activities conducted over today's Telecommunications networks, the Internet and Social Networks.

Track 1

Advanced Hi-Tech Cyber Investigation Training by LEAs and Ph.Ds

Track 2

LEA, Defense and Homeland Security Intercept Training

Track 3

Social Network Monitoring and Cyber Threat Analytics Training

Track 4

Investigating Dark Webs and Associated Cybercurrency Transactions

Track 5

Artificial Intelligence Product Training for Law Enforcement and Government Intel

Track 6

Financial Crime Investigation Techniques and Products

Track 7

Quantum Computing Reality and Post-Quantum Cryptography Today

ISS World North America Exhibit Hours

Thursday, September 6, 2018:
10:00 AM-6:00 PM

Friday, September 7, 2018:
9:30 AM-12:00 PM

ISS World North America 2018 - Agenda at a Glance

Track 1

Advanced HI-Tech Cyber Investigation Training Seminars Led by Law Enforcement Officers and Ph.D Computer Scientists

32 classroom training hours, presented by sworn law enforcement officers, Ph.D. Computer Scientists and nationally recognized cybercrime textbook authors and instructors. Distinguished ISS World Training Instructors include:

- **Charles Cohen**, Cohen Training and Consulting, LLC, also holds the position of Captain, **Indiana State Police** (6 classroom hours)
- **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police** (9 classroom hours)
- **Michael Loughnane**, CAMS, CFE, Loughnane Associates, LLC and retired 27 year US Federal Law Enforcement Officer (5 classroom hours)
- **Todd G. Shipley** CFE, CFCE, President and CEO of Vere Software, Co-Author of, Investigating Internet Crimes: An Introduction to Solving Crimes in Cyberspace and retired officer, **Reno NV, Police Department** (6 classroom hours)
- **Matthew Lucas** (Ph.D., Computer Science), Vice President, **TeleStrategies** (4 classroom hours)
- **Jerry Lucas** (Ph.D., Physics), President, **TeleStrategies** (5 classroom hours)
- **Stephen Arnold**, Managing Partner, **Arnold.IT** (2 classroom hours)

Wednesday, September 5, 2018

Seminar #1

9:00-17:00

Online Social Media and Internet Investigations

- Presented by: **Charles Cohen**, Cohen Training and Consulting, LLC; Charles Cohen also holds the position of Captain, Cyber Crimes Investigative Technologies Section, **Indiana State Police, USA**

9:00-10:00

Proxies, VPNs, and Dark Web: Identity Concealment and Location Obfuscation

10:15-11:15

Tor, onion routers, Deepnet, and Darknet: An Investigator's Perspective

11:30-12:30

Tor, onion routers, Deepnet, and Darknet: A Deep Dive for Criminal Investigators

13:30-14:30

Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks

14:45-15:45

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 1)

16:00-17:00

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 2)

Seminar #2

9:00-17:00

Practitioners Guide to Internet Investigations

- Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

The aim of this 1 day seminar is to take the attendees from the basics of understanding the Internet, how to find data, through to a full understanding of best practice of an Internet investigator, building their OSINT toolbox, and having awareness and knowledge of all the tools available to achieve this. It is aimed primarily at the investigator, delivered from the perspective of detective, to empower them to have the best methodology and tradecraft to profile and catch suspects.

This is exclusively Law Enforcement only, as Practical examples, covert and investigative methodology and tradecraft will be given throughout the seminar.

09:00-10:00

The Internet, and how suspects leave a Digital Footprint. How the system works for us, as investigators

10:15-11:15

Recognizing Traffic Data and digital profiling via social networks and devices - digital shadows

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11:30-12:30

WiFi, geolocation, and Mobile Data traces and tracking

13:30-14:30

Awareness of Emerging Technologies, Masking Tech and Tools, TOR and proxies

14:45-15:45

Advanced Techniques in Tracing Suspects, and lateral problem solving

16:00-17:00

Open Source Tools, resources and techniques - A walk through my free law enforcement open source tools site

Seminar #3

9:00-10:00

Cybercurrency 101: Introduction to What Technical Investigators Need to Know about Bitcoin and Altcoin Transactions, Dark Web Commerce and Blockchain Analysis

- Presented by: Dr. Matthew Lucas (Ph.D., Computer Science), Vice President, **TeleStrategies**

This 101 training seminar is an introduction to Bitcoin, how the system is used to support criminal activities (e.g. Dark Web) and why technical investigators need to understand the basic Bitcoin transaction mechanism (Blockchain) to successfully defeat 21st century criminals and terrorist actions. Specifically, this introduction to Bitcoin for technical investigators addresses:

Seminar #4

10:15-11:15

Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations

- Presented by: Matthew Lucas, (Ph.D Computer Science), VP, **TeleStrategies**

TOR networks are notoriously effective at hiding the online identity of criminals, terrorists and others who are up to no good. The other side that receives less attention are TOR hidden services. These are services that leverage TOR's anonymizing capabilities to mask the identity of criminally-hosted online services - forming the basis of just about all illegal gambling sites, drug markets, child exploitation material, firearm sales, terrorism propaganda, and more.

- How TOR hides IP addresses/identity/location

- TOR hosting, What is .ONION and content analysis

Seminar # 5

11:30-12:30

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand

- Presented by: Dr. Matthew Lucas (Ph.D Computer Science), Vice President, **TeleStrategies**

The starting point to defeating encryption is to separate techniques addressing stored encrypted data such as with the Apple iPhone issue. The other challenge is defeating encrypted data in transit (e.g. Telegram, Whatsapp, etc.) or Network Encryption. This webinar is about defeating the later.

When it comes to defeating network encryption the technical community separates into two camps. Those who want to impede law enforcement and the government intelligence community from defeating network encryption: IETF, Silicon Valley and hundreds of third party encryption services. And your camp, those who want to investigate criminals and terrorist group who depend on network encryption.

Seminar #6

13:30-14:30

Understanding “The Very Basics” of Quantum Computing for Non-Engineers

- Presented by: Jerry Lucas, (Ph.D, Physics) President, **TeleStrategies**

This very basic, one-hour session is for cyber security and intelligence gathering professionals who must understand quantum computing technology basics to assess artificial intelligence, machine learning as well as defeating encryption applications but do not have any significant advanced academic training in physics, mathematics nor engineering.

Seminar #7

14:45-15:45

Understanding “Defeating Encryption” with Quantum Computing for Non-Engineers

- Presented by: Jerry Lucas, (Ph.D, Physics) President, **TeleStrategies**

This one hour, session is for cyber security executives and specialists who have the responsibility of assessing the lead time they have before deploying quantum safe cryptography solutions but don't have a technical background. If you believe nation

state security agencies are developing quantum computing to decrypt your past and future intercepted transmission sessions, this high-level webinar should be a must attend briefing.

And to do this you need to understand how a quantum computing circuit works when designed for the sole purpose of defeating public key encryption.

Seminar #8

16:00-17:00

Understanding “Post-Quantum Cryptography” for Non-Mathematicians

- Presented by: Jerry Lucas (Ph.D, Physics) President, **TeleStrategies**

This one hour session is for cyber security executives responsible for developing alternatives to today's cryptography infrastructure in response to the threat of quantum computing.

This session assumes attendees do not have the math background to understand the complexity of post-quantum algorithms but must be able to analyze PQ Crypto options under development.

- A. What are the leading PQ Crypto Algorithm Schemes under consideration explained without complex math
- B. How to compare PC Crypto Algorithm Schemes regarding resource requirements, key sizes, etc.
- C. Quantum Key Distribution (QKD) Options
- D. Hardware PG-Crypto Security Options

Thursday, September 6, 2018

Seminar #9

09:00-17:00

Concerns and Considerations in Financial Crime Investigations

- Presented by: Michael Loughnane, CAMS, CFE, **Loughnane Associates, LLC** Mike is a former US Federal Law Enforcement Officer who specialized in complex fraud and cybercrime investigations and currently provides training to improve detection and investigations of fraud, money laundering and counter terror finance.

09:00-10:00 AM

Criminal Essentials: The Needs of a Criminal Network

11:00-12:00 PM

Financial Crime Schemes in Money Laundering

1:00-2:00 PM

The Essentials of Trade Based Money Laundering

2:30-3:30 PM

How Does Money Actually Move?

4:00-5:00 PM

Follow the Money Beyond the Banks

Seminar #10

16:45-17:45

Dark Web Messaging Today and Outlook for 2019

- Presented by: Stephen Arnold, Managing Partner, **Arnold.IT**

Friday, September 7, 2018

Seminar #11

8:30-9:30

Practitioners Guide to Understanding Cyber Attacks on Banks - Exploring Vulnerabilities from The Perspective Of The Hacker

- Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

This one-hour session will explore the viewpoints of both the banks perception of vulnerabilities, and that of the attacker. A follow-up session at 10:30 will address Practitioners Guide to Defending Banks Against Cyber Attacks.

Seminar #12

10:30-11:30

Practitioners Guide to Defending Banks Against Cyber Attacks - Identifying And Protecting Vulnerabilities To Frustrate The Thief, and Integrity Proof The Systems

- Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

This one-hour session will explore the protection of weak points and future proofing banks against cyber attacks.

Seminar #13

10:30-11:30

Advanced Analytic Techniques for Deanonymizing Digital Currency Transactions

- Presented by: Stephen Arnold, Managing Partner, **Arnold.IT**

Seminar #14

12:00-13:00

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

Special SS7 Intercept, Vulnerabilities and Major Infrastructure Attacks in the Last 12 Months

- Presented by Dr. Jerry Lucas, President, **TeleStrategies** and a Distinguished Telecom Technology Expert to be announced

Seminar #15

8:30-13:00

Special SS7 Intercept, Vulnerabilities and Most Damaging SS7 Infrastructure Attacks over the Last 12 Months

- Presented by: Jean Gottschalk, Principal Consultant, **The Telecoms Defense Limited Company**

8:30-9:30 AM

SS7 Vulnerabilities and Intercept Options

There are two very important aspects of telco SS7 infrastructure law enforcement and interior security needs to understand. For law enforcement: you can locate and track a target anywhere in the world if they just turn on their cell phone. For Interior Security: large scale distributed denial of service attacks over SS7 can completely take down today's telecom networks.

10:30-11:30 AM

The Most Damaging SS7 Network Infrastructure Attacks over the Last 12 Months

12:00-1:00 PM

Intercept Implications of 4G/5G Diameter Signaling Replacing SS7

As telecom service providers transition to IP based VoLTE and introduce 5G, SS7 will be replaced with diameter signaling. This session provides the technical basics of diameter, options for transitioning SS7 to diameter and the new challenges facing law enforcement.

ISS World Americas 2018 Conference Agenda

Thursday, September 6, 2018

8:15-8:30 AM

Welcoming Remarks

- Tatiana Lucas, ISS World Program Director, **TeleStrategies**

8:30-9:00 AM

Top Ten Internet Challenges Facing Law Enforcement and the Government Intelligence Community and Who at ISS World North America has Solutions

- Dr. Jerry Lucas, President, **TeleStrategies**

Track 1

Advanced Hi-Tech Cyber Investigation Training by LEAs and Ph.Ds

Wednesday, September 5, 2018

9:00-17:00

Online Social Media and Internet Investigations

Charles Cohen, Cohen Training and Consulting, LLC Charles Cohen also holds the position of Captain, **Indiana State Police**

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Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations

- Dr. Matthew Lucas, (Ph.D Computer Science), VP, **TeleStrategies**

11:30-12:30

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand

- Dr. Matthew Lucas (Ph.D Computer Science), Vice President, **TeleStrategies**

Thursday, September 6, 2018

4:00-5:00

Encrypted Messaging: Techniques and Tools for Exposing Bad Actors Who Use Next-Generation Communication Methods

- Stephen Arnold, Managing Partner, **Arnold.IT**

Friday, September 7, 2018

10:30-11:30

Identifying a Bad Actor Using the Dark Web, i2p, and Other Methods of Hiding "True Identity"

- Stephen Arnold, Managing Partner, **Arnold.IT**

12:00-13:00

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Track 2

LEA, Defense and Homeland Security Intercept Training

Wednesday, September 5, 2018

9:00-5:00 PM

Online Social Media and Internet Investigations

- Presented by Charles Cohen, Cohen Training and Consulting, LLC Charles Cohen also holds the position of Captain, Indiana State Police

This one day session provides an up-to-date understanding of how social networking sites work and how members act and interact. Attendees will learn what information is available on various sites and how to integrate that information into criminal investigations and criminal intelligence analysis.

Thursday, September 6, 2018

9:00-10:00

Lawful Interception in 5G Mobile Networks

This session will elaborate the needs and the challenges of lawful interception in current and future wireless networks. Network operators and law enforcement agencies will get practical advice and hear best practice techniques for the implementation of LI in 5G networks.

- Presented by Utimaco TS GmbH

11:00-12:00

Digital Toolbox: the investigator's best friend

- Presented by AREA

1:00-2:00

How Legislative Initiatives and Case Law in 2018 are Impacting the Going Dark Challenge:

- Cloud Act
- FOSTA
- Carpenter vs. United States
- Net Neutrality Elimination
- What are the Impacts for LEAs

• Charles Cohen, Captain, Indiana State Police

• Jim Emerson, Chair, IACP Cybercrime and Digital Evidence Committee

• Ben Bawden, Partner, Brooks Bawden

2:30-3:30

L.I. Targeting respecting privacy.

- Presented by AREA

4:00-5:00

Dark Web Messaging Today and Outlook for 2019

- Stephen Arnold, Managing Partner, Arnold.IT

Friday, September 7, 2018

10:30-11:30

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12:00-1:00

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- Stephen Arnold, Managing Partner, Arnold.IT

Additional Track 2 Sessions to be announced

Track 3

Social Network Monitoring and Cyber Threat Analytics Training

Thursday, September 6, 2018

9:00-10:00 AM

Scaling Security Clusters with SDN Technology: A Programmable Threat Intelligence Gateway

- Marc LeClerc, VP Strategy and Marketing, NoviFlow Inc.

11:00-12:00 PM

Triage first: analytics is the second priority for OSINT

- Presented by BasisTech

1:00-2:00 PM

DataWalk: the next generation analytical platform

Investigative methods to exploit DeepWeb content; analyzing SOCMINT and OSINT data

- Chris Westphal, Chief Analytic Officer, DataWalk

2:30-3:30 PM

HIWIRE - Full Cycle WEBINT and OSINT collection with Deep Access

- Presented by WIP

4:00-5:00 PM

Publicly Available Information in the Digital Age

- Jeff Chapman, CEO, Babel Street

Friday, September 7, 2018

8:30-9:30 AM **SESSION A**

Fusion 2.0 - a revolution in multi-source intelligence analysis

- Presented by WIP

8:30-9:30 AM **SESSION B**

Measuring the effects of Information Operations through specialized sentiment analysis

- Presented by BasisTech

10:30-11:30

Profile, target and investigate the Darknet. Reinventing traditional HUMINT in the Digital Era.

- Presented by AREA

Additional Track 3 Sessions to be announced

Track 4

Investigating Dark Webs and Associated Cybercurrency Transactions

Wednesday, September 5, 2018

9:00 - 5:00 PM

A Real World Look at Investigations in the Dark Web

- Presented by: Todd G. Shipley CFE, CFCE, President and CEO of Vere Software, Co-Author of, Investigating Internet Crimes: An Introduction to Solving Crimes in Cyberspace and retired investigator, Reno NV, Police Department

The aim of this 1 day seminar is to take the attendees from the basics of understanding the Dark Web, how to access it to how to finding information hidden within it. The attendees will learn the best practices for the internet investigator when working in the Deep Web and the tools available to assist their investigations into the Deep Web.

This exclusively Law Enforcement attendees only, as Practical examples, covert and investigative methods will be given throughout the seminar.

9:00-10:00 AM

Cybercurrency 101: Introduction to What Technical Investigators Need to Know about Bitcoin and Altcoin Transactions, Dark Web Commerce and Blockchain Analysis

- Matthew Lucas (Ph.D., Computer Science), Vice President, TeleStrategies

10:15-11:15 AM

Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations

- Matthew Lucas (Ph.D., Computer Science), Vice President, TeleStrategies

11:30 AM - 12:30 PM

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand

- Matthew Lucas (Ph.D., Computer Science), Vice President, TeleStrategies

Thursday, September 6, 2018

9:00-10:00 AM

Investigative methods to exploit DeepWeb content; analyzing SOCMINT and OSINT data

- Chris Westphal, Chief Analytic Officer, DataWalk

11:00 AM-12:00 PM

Peeling the Onion Router: Building Integrated Monitoring Systems for the Dark Web

At the end of the presentation, participants will have a clear idea of the challenges and opportunities that lie in machine-based monitoring of the dark web, as well as practical ideas on how to integrate crawled web data into cyber security technology.

- Ran Geva, CEO, Webhose.io

1:00-2:00 PM

DataWalk: the next generation analytical platform

- Chris Westphal, Chief Analytic Officer, DataWalk

1:00-5:00 PM

Special Half Day DarkNet Seminar

- by Andrew Lewman, Vice President, DarkOWL and Former Executive Director, The TOR Project

1:00-2:00 PM

Indexing the dark net – how do you catalog and search something that is not meant to be easily scrubbed? What's possible?

- Presented by: Andrew Lewman, Vice President, DarkOWL

2:30-3:30 PM

Case studies / examples in dark net investigations – de-anonymizing examples / approaches / best practices / lessons learned.

- Presented by: Andrew Lewman, Vice President, DarkOWL

4:00-5:00 PM

Future directions - what's next in dark net infrastructure, dark markets and investigation implications

- Presented by: Andrew Lewman, Vice President, DarkOWL

Friday, September 7, 2018

9:00-10:00 AM

The Challenge We Faced in Creating an Effective Dark Web Crawler

- Presented by Ran Geva, CEO, Webhose.io

9:00-10:00 AM

Bitcoin in Practice: Buying, Selling, Sending and Receiving

- Presented by Elliptic

11:30 AM – 12:30 PM

Advanced Bitcoin Concepts and an Introduction to Bitcoin Investigations

- Presented by Elliptic

12:00-1:00 PM

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

12:00-1:00 PM

Case Studies and Emerging Threats In the Criminal Use of Virtual Currencies

- Luke Wilson, Vice President of Business Development-Investigations, Elliptic

Track 5

Artificial Intelligence Product Training for Law Enforcement and Government Intel

Friday, September 7, 2018

9:00-10:00

Artificial Intelligence Technology: What Law Enforcement Needs to Know

Artificial intelligence and machine learning products are beginning to emerge in the law enforcement marketplace. But what exactly can they do, and how can they improve the effectiveness of LE?

This Session is focused on what is AI/ML; it's the potential to help the LE community; and a hype vs. reality check.

- Presented by: Matthew Lucas (Ph.D, Computer Science) Vice President, TeleStrategies

Thursday and Friday Vendor Sessions TBA

Track 6

Financial Crime Investigation Techniques and Products

Thursday, September 6, 2018

9:00 AM – 5:00 PM

Special “Best Practices for Financial Crime Investigators” Sessions

- Presented by: Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC and retired 27 year US Federal Law Enforcement Officer

09:00-10:00 AM

Criminal Essentials: The Needs of a Criminal Network

11:00-12:00 PM

Financial Crime Schemes in Money Laundering

1:00-2:00 PM

The Essentials of Trade Based Money Laundering

2:30-3:30 PM

How Does Money Actually Move?

4:00-5:00 PM

Follow the Money Beyond the Banks

Friday, September 7, 2018

8:30-9:30

Practitioners Guide to Understanding Cyber Attacks on Banks - Exploring Vulnerabilities from The Perspective Of The Hacker

- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

10:30-11:30

Practitioners Guide to Defending Banks Against Cyber Attacks – Identifying And Protecting Vulnerabilities To Frustrate The Thief, and Integrity Proof The Systems

- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

12:00-13:00

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Track 7

Quantum Computing Reality and Post-Quantum Cryptography Today

Pre-Conference Track Quantum Computing Tutorials

Wednesday, September 5, 2018

1:30-2:30 PM

Understanding “The Very Basics” of Quantum Computing for Non-Engineers

- Presented by: Jerry Lucas (Ph.D, Physics) President, TeleStrategies

2:45-3:45 PM

Understanding “Defeating Encryption” for Non-Engineers

- Presented by: Jerry Lucas (Ph.D, Physics) President, TeleStrategies

4:00-5:00 PM

Understanding “Post Quantum Cryptography” for Non-Mathematicians

- Presented by: Jerry Lucas (Ph.D, Physics) President, TeleStrategies

Quantum Safe Cryptography (QSC) Sessions

Thursday, September 6, 2018

9:00-9:30 AM

Quantum Update

- Dr. Michele Mosca, Institute for Quantum Computing, University of Waterloo

9:30-10:00 AM

Planning for Post-Quantum Cryptography

- Representative from US Federal Government (invited)

11:00-12:00 PM

Quantum-Safe Cryptography - A Real-world Approach to Options and Use Cases

- Mike Brown, CTO & Co-Founder, ISARA Corporation

1:00-1:30 PM

Quantum Safe Infrastructure

- Mike Brown, CTO & Co-Founder, ISARA Corporation

1:30-2:00 PM

Integrating Quantum Resistant Algorithms Into Applications

- Christian Paquin, Microsoft

2:30-3:30 PM

Quantum-Safe VPN Appliance Solutions

- Dr. Michele Mosca, CEO, evolutionQ

4:00-4:30 PM

NIST Post-Quantum Cryptography Standards Update

- Dr. Dustin Moody, Mathematician, NIST

4:35-5:00 PM

Open Quantum Safe Project Update

- Dr. Vlad Gheorghiu, University of Waterloo

5:00-6:00 PM

Networking Reception

Friday, September 7, 2018

8:30-9:30

Quantum Safe Options for Mobile Network Security

- Mobile Device Security Vendor to be announced

10:30-11:30

QSC Solution Options for IoT Devices

- IoT Device Vendor to be announced

Quantum Computing Sessions

11:00 AM-12:00 PM

Introduction to Quantum Computing and Prototype Applications

- Bo Ewald, President, D-Wave International

1:00-2:00 PM

Understanding “Quantum Computing and Artificial Intelligence” for Non-Data Scientists

- Dr. Maxwell Henderson, Senior Data Scientist, QxBranch

2:30-3:00

US Election 2016: Conventional Polling Models Predicted a Hillary 99% Chance of Winning; Not so with a Quantum Computing Model Prediction

- Presented by Dr. Maxwell Henderson, Senior Data Scientist, QxBranch

3:00-3:30

Quantum Computing Applications for Artificial Intelligence, Machine Learning and Optimization

- Presented by Dr. Benjamin Bales, CTO, QbitLogic

4:00-5:00

Quantum Computing Applications for Quantum Chemistry

- Presented by Dr. Alireza Najati-Yazdi, CEO, Anyon Systems

Registration Information *Save \$300 by registering before August 1, 2018*

Law Enforcement/DHS/IC/DoD Registration*

ISS World Conference Tracks, Training Tracks 1 through 7	
Pre-Conference Seminars plus Exhibits.....	\$995
Registration after August 1, 2018.....	\$1,295

Telecommunications Service Provider or Enterprise Registration*

ISS World Conference Tracks Except Tracks 2 & 3	
Pre-Conference Seminars plus Exhibits.....	\$995
Registration after August 1, 2018.....	\$1,295

Vendor Registration*

ISS World Conference Tracks Except Tracks 2 & 3	
Pre-Conference Seminars and Exhibits	\$995
Registration after August 1, 2018	\$1,295

*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 2 and 3 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by September 1, 2018 in order to verify eligibility. Government photo ID required for Tracks 2 and 3 classroom access.

Free Colleague Registration: Register as paid and you can invite a colleague to join you at ISS World Americas with a full, free conference pass. If you have not identified your guest at this time, just enter “guest of” followed by your name and complete with your contact information. You can register your guest at no charge at a later time.

Conference and Exhibitions: The conference and exhibits will be held at the JW Marriott North Bethesda Hotel, Bethesda, MD in suburban Washington, DC. The DC Metro has a stop adjacent to the hotel. Phone: 1-301-822-9200

International Attendees: If you need Visa assistance to attend ISS World, please contact Tatiana Lucas at talucas@telestrategies.com

Conference by Invitation Only: To attend ISS World you must be law enforcement, other government employee, private enterprise security/investigative personnel, telecom operator or an ISS vendor with LI, electronic surveillance, social media monitoring or analytics products. If you have questions e-mail Tatiana Lucas, ISS World Director at talucas@telestrategies.com

Registration

Phone: 1-703-734-7050

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Online: www.telestrategies.com

SEPTEMBER 5-7, 2018 • WASHINGTON DC

Exhibiting Sponsors and Presenting Companies

