**TeleStrategies**<sup>®</sup>

## Register 1 and 2nd FREE SVOr d'Euro

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

## 9-11 JUNE 2020 • CLARION CONGRESS HOTEL • PRAGUE, CZ



151 LEA/Interior/DoD Training Sessions and Courses to Choose From

## ISSWORLd'Europe

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

## 9-11 JUNE 2020 • CLARION CONGRESS HOTEL • PRAGUE, CZ

**ISS World Europe** is the world's largest gathering of Regional Law Enforcement, Intelligence and Homeland Security Analysts, Telecoms as well as Financial Crime Investigators responsible for Cyber Crime Investigation, Electronic Surveillance and Intelligence Gathering.

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

#### Track 1

Lawful Interception and Criminal Investigation Training

#### Track 2

LEA, Defense and Intelligence Analyst Product Demonstrations

#### Track 3

Social Network Monitoring, Artificial Intelligence and Analytics Product Training

#### Track 4

Threat Intelligence Gathering and Cyber Security Product Training

#### Track 5

Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

#### Track 6

Mobile Signal Intercept Training and Product Demonstrations

#### Track 7

Electronic Surveillance Training and Product Demonstrations

#### Track 8

**5G Lawful Interception Product Training** 

#### Track 9

Financial Crime Investigation and Prevention Training

Plus Special Training Seminars lead by Law Enforcement Officers and Ph.D. Scientists

## ISS World Europe Exhibits Schedule

Wednesday, 10 June 2020 10:00 - 18:15

**Thursday, 11 June 2020** 10:00 - 14:00

## ISS WORLD EUROPE 2020 PROGRAM AGENDA

Training Seminars Led by Law Enforcement Officers and Ph.D., Computer Scientists 30 classroom training hours, presented by Law Enforcement Officers and Ph.D. Scientists

- Charles Cohen, Cohen Training and Consulting, LLC, also holds the position of Captain, Office of Intelligence & Investigative Technologies, Indiana State Police, USA (6 classroom hours)
- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police (7 classroom hours)
- Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC and retired 27-year US Federal Law Enforcement Officer (5 classroom hours)
- Jerry Lucas (Ph.D., Physics), President, TeleStrategies (4 classroom hours)
- Matthew Lucas (Ph.D., Computer Science), VP, TeleStrategies (3 classroom hours)
- Vladimir Vesely (Ph.D., Computer Science) Researcher, Brno University of Technology (2 classroom hours)
- Andrew Lewman, VP, DarkOWL and Former Executive Director, The TOR Project (3 classroom hours)

## Tuesday, 9 June 2020

## SEMINAR #1

## 08:30-15:05

Online Social Media and Internet Investigations

Presented by: Charles Cohen, **Cohen Training** and Consulting, LLC also holds the position of Captain, Office of Intelligence & Investigative Technologies, Indiana State Police, USA

#### 08:30-09:20

The role of Online Social Media OSINT in Predicting and Interdicting Spree Killings: Case Studies and Analysis

#### 09:25-10:15

OSINT and Criminal Investigations 10:35-11:25

Metadata Exploitation in Criminal Investigations

#### 11:30-12:20

EXIF Tags and Geolocation of Devices for Investigations and Operational Security

#### 13:20-14:10

Case Studies in Metadata Vulnerability Exploitation and Facial Recognition

#### 14:15-15:05

What Investigators Need to Know about Emerging Technologies Used to Hide on the Internet

### SEMINAR #2

#### 08:30-15:05

#### **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.

#### 08:30-09:20

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

#### 09:25-10:15

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

#### 10:35-11:25

WIFI, geolocation, and Mobile Data traces and tracking

#### 11:30-12:20

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

#### 13:20-14:10

Advanced Techniques in Tracing Suspects, and lateral problem solving

#### 14:15-15:05

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

## SEMINAR #3

#### 08:30-09:20

Understanding Mobile 2G/3G/4G Infrastructure and Law Intercept for Technical Investigators

 Presented by: Dr. Jerry Lucas, President, TeleStrategies

## SEMINAR #4

#### 09:25-10:15

Understanding 5G New Radio and Encryption Infrastructure for Technical Investigators
• Presented by: Dr. Jerry Lucas,

President, TeleStrategies

#### **SEMINAR #5**

#### 10:35-11:25

Understanding 5G Network Core (NFV, SDN, EDGE Computing and Network Slicing) for Law Enforcement Investigators

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

## To Review Complete Agenda or To Register, Go To WWW.ISSWORLDTRAINING.COM

# ISS World Europe

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

## 9-11 JUNE 2020 • CLARION CONGRESS HOTEL • PRAGUE, CZ

## **SEMINAR #6**

#### 11:30-12:20

Understanding Cryptography used in Third Party Encryption Services, Bitcoin, Blockchain, TOR, DarkNets, 2G/3G/4G/5G and WiFi for Technical Investigators

 Presented by: Dr. Jerry Lucas, President, TeleStrategies

## **SEMINAR #7**

#### 13:20-14:10

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

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

## **SEMINAR #8**

#### 14:15-15:05

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

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

## **SEMINAR #9**

#### 16:30-17:15

SSL/TLS Interception Workshop

 Presented by: Vladimir Vesely (Ph.D., Computer Science) and Jan Pluskal, Researchers, Brno University of Technology

## Thursday, 11 June 2020

## SEMINAR #10

#### 08:30-11:45

Special Half Day DarkNet Seminar

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

#### 08:30-09:15

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

#### 09:15-10:00

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

#### 11:00-11:45

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

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

## **SEMINAR #11**

#### 08:30-14:00

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

#### 08:30-09:15

Criminal Essentials: The Needs of a Criminal Network

#### 09:15-10:00

Financial Crime Schemes in Money Laundering

### 11:00-11:45

The Essentials of Trade Based Money Laundering

#### 12:45-13:30

How Does Money Actually Move

#### 13:30-14:00

Follow the Money Beyond the Bank

## SEMINAR #12

#### 12:45-14:00

Understanding "Defeating Encryption" with Quantum Computing for Non-Engineers

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

## SEMINAR #13

#### 12:45-14:00

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

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

## Wednesday, 10 June 2020

## WELCOMING REMARKS

#### 8:15-8:30

Tatiana Lucas, ISS World Program Director, TeleStrategies

#### 8:30-9:00

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

• Dr. Jerry Lucas, President, TeleStrategies

#### Track 1

## Lawful Interception and Criminal Investigation Training

This track is for Telecom Operators and Law Enforcement/Intelligence/Defense Analysts who are responsible for specifying or developing lawful intercept network infrastructure.

#### Tuesday, 9 June 2020

#### 13:20-14:10

Trust your phone records and cell towers intelligence to solid cutting-edge investigative models

Presented by SIO

#### 15:25-16:15

The challenges 5G brings to cellular Security & Surveillance

Nick Johnson, CTO & Head of PLM, IP Access

#### 16:30-17:20

 SSL/TLS Interception Workshop
 Vladimir Vesely (Ph.D., Computer Science) Researcher, Brno University of Technology

## Wednesday, 10 June 2020

## 09:00-10:00 SESSION A

Lawful Interception and Communication Data, Current & Future Challenges: Mobile, Cyber Security, Virtualization and AI - An industry view

 Alex Leadbeater, 3GPP SA3-LI and ETSI TC Cyber Chairman and Head of Global Obligations Future and Standards, BT Security

#### 09:00-09:30 SESSION B

Acquiring targets and new leads in a digital sphere: Breaking Down Jaish e Mohamed's digital trace

Presented by Digital Clues

## 09:00-09:30 SESSION C

Things to Consider When Choosing a Modern Lawful Interception Monitoring Center

Presented by Verint

#### 09:30-10:00 SESSION C

Optical Network Access, Visibility and Recording for 100Gbps and Beyond • Presented by Lumacron

#### 13:00-13:45

Lawful interception in 5G Mobile Networks

Presented by Utimaco TS GmbH

#### 15:40-16:25

Mobile Edge Computing and LI

Presented by Utimaco TS GmbH

#### Thursday, 11 June 2020

#### 09:15-10:00

SDL Neural Machine Translation applications for Cyber Threat Intelligence
• Presented by SDL

#### 12:45-13:30

Understanding "Defeating Encryption" with Quantum Computing for Non-Engineers

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

#### Track 2

## LEA, Defense and Intelligence Analyst Product Demonstrations

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

The Wide Area Network vs. Moore's Law:

Generating IP Intelligence at 100G and beyond

Efficient Cryptanalysis Infrastructure - Doing

WHO was using WHAT application WHERE

**TOVEK - creating missing knowledge from** 

## Tuesday, 9 June 2020

#### 08:30-09:20 SESSION A

Gene Litt, CTO, NetQuest

08:30-09:20 SESSION B

Presented by SciEngines

09:25-10:15 SESSION A

• Presented by VASTech

09:25-10:15 SESSION B

disparate information sourcesPresented by Tovek

More with Less

and WHEN?

#### 11:30-12:20

**Different Intelligence Sources combined under** a single analytical platform - an innovative approach

• Presented by Gamma Group

#### 13:20-14:10 SESSION A

Live Demo: Data Retention - powerful analysis on metadata · Presented by ATIS

13:20-14:10 SESSION B

New experience gained from Voice Biometrics and Speech Analytics deployments · Presented by Phonexia

#### 14:15-15:00

Accelerating investigation workflows with specially designed IT-forensic laboratories Presented by mh Service GmbH

#### 15:25-16:15 SESSION A

The Role and Importance of Covert **Communication in Data Transmission** Presented by Vlatacom

15:25-16:15 SESSION B

Alternative tools for efficient investigations in the age of encryption

· Presented by Rohde Schwarz

#### 16:30-17:20 SESSION A

**Immigration Control and Identification System** • Hans-Georg Schilling, Intecs

#### 16:30-17:20 SESSION B

Sharp-end to the Lab: On-Device and Forensic Voice Biometrics and Media Fingerprinting • Dr. Anil Alexander, CEO, Oxford Wave Research

### Wednesday, 10 June 2020

09:00-10:00 SESSION A Digital Toolbox: the investigator's best friend

Presented by AREA

09:00-09:30 SESSION C **NEO. Targeted Mission-Based Investigation** 

## Presented by FinFisher

09:30-10:00 SESSION B

Collection in a privacy driven era: We mapped out the collection options Presented by Verint

## 09:30-10:00 SESSION C

WiFi Intelligence Gathering - A Key Piece of the Strategic Intelligence Puzzle · Presented by FinFisher

#### 13:00-13:45

**Advanced Tactical Interception and Data** Extraction Vectors Presented by Merlinx

## 13:50-14:35 SESSION A

Live Demo: Automating forensic Speaker **Recognition for Cyber Crime units** Presented by ATIS

#### 13:50-14:35 SESSION B

Illuminating the Dark - Technologies for **Unmasking Darknet Criminals** Presented by FinFisher

#### 15:40-16:25 SESSION A

LIMS, only black box! Or can it bring additional value to LEAs? Presented by Sedam

#### 15:40-16:25 SESSION B

Making the analyst smarter with Intellexa's Insight

The art of extracting meaningful intelligence from a multitude of sources and vast amounts of data

· Presented by Advanced Systems

#### 15:40-16:25 SESSION C

Live Demo. Real Investigation, from Telegram to the Darknet, and using active cyber security tools to Tango down the targets.

Antonio Ramos, COO, MOLLITIAM CYBERINTELLIGENCE

#### 16:30-17:15 SESSION A

Encrypted or not - every IP-packet tells a story • Mark Uldahl, CTO, XCI A/S

### Thursday, 11 June 2020

08:30-09:15 SESSION A

Guess who is using THAT App in your Country. Metadata as IP Intelligence Presented by AREA

#### 08:30-09:15 SESSION B

WHO was using WHAT application WHERE and WHEN?

Presented by VASTech

#### 09:15-10:00

New methods and enforcement tools designed specifically for regulatory agencies Presented by Utimaco

#### 11:30-12:15

trovicor's best kept secret - The whole truth about the Intelligence Platform Presented by Trovicor

#### Track 3

## Social Network Monitoring, Artificial **Intelligence and Analytics Product** Training

Sessions in this track are only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees, unless marked otherwise.

#### Tuesday, 9 June 2020

#### 08:30-09:20

**Massive Social Media data collection and** analysis for Counter-Terrorism Intelligence Activities

Presented by IPS

## 09:25-10:15

WhatsApp, Telegram, Facebook...how IPS helps you to locate most wanted targets with LI Presented by IPS

#### 10:35-11:25

Everyone leaves a trace: How the digital sphere has become the ideal place for target acquisition

Presented by Digital Clues

#### 11:30-12:20

Using AI-based Risk Scoring for Multi-source **Target Acquisition and Prioritization** Presented by Simulation Software & Technology,

S2T

## 13:20-14:10 SESSION A

**Combating Threats with Advanced AI-Driven** Technologies - Leveraging open source data to anticipate and prevent future attacks Presented by Voyager Labs

#### 13:20-14:10 SESSION B

SCOPE Product - Bringing Data to Life Presented by Innosystec

#### 14:15-14:40 SESSION A

**Combating Threats with Advanced AI-Driven** Technologies - Leveraging open source data to anticipate and prevent future attacks Presented by Voyager Labs

#### 14:15-14:40 SESSION B

Automatic Exploitation of Social Network, Deep and Dark Web to complement traditional Lawful Interception Infrastructure for Target Profiling. • Presented by IPS

#### 14:40-15:05

Machine Learning in a Command and Control Centre for covert field operations and situation awareness Presented by IPS

#### 15:25-16:15 SESSION A

How social media platforms are limiting the API approach and advanced DB queries Presented by Verint

#### 15:25-16:15 SESSION B

Multimedia Monitoring and Forensics Laboratory Presented by Everis

## 16:30-17:20 SESSION A

The hype of AI usage in intelligence is facing multiple challenges Presented by Verint

#### 16:30-17:20 SESSION B

**SCOPE Product - Prevent and Predict** Presented by Innosystec

#### Wednesday, 10 June 2020

#### 09:00-10:00

Tactical Web Intelligence (WEBINT) & Social Engineering: Gathering Actionable Intelligence via a powerful WEBINT platform Presented by Cobwebs Technologies

#### 13:00-13:45 SESSION A

Global Terror Butterfly Effect: Social Network and Real Time Threat Analysis of Lone Wolves Terrorism

Presented by Cobwebs

#### 13:00-13:45 SESSION B

Propaganda 4.0: is fake news really so new? A Journey through the various ways in which media is used

Presented by Gamma Group

#### 13:00-13:45 SESSION C

Using ML, device fingerprinting (not just IP addresses) and tactical fiber systems to detect threats and anomalies in mass IP data. A discussion with use cases on sophisticated rule based systems Presented by Vehere

Tracing the Digital Fingerprints: How Digital

Yohai West, Senior Product Marketing Manager,

technologies to transform OSINT and COMINT

Data Enrichment Techniques and Sources for

trovicor's best kept secret - The whole truth

**Transforming Investigations & Risk Assessment** 

**Transforming Investigations & Risk Assessment** 

SCOPE Product - A Real Life Scenario (demo)

Unlocking the full potential of speech

#### 13:50-14:35 SESSION A Discover the Unknowns of the Digital Sphere

13:50-14:35 SESSION B

15:40-16:25 SESSION A

Presented by Vocapia

15:40-16:25 SESSION B

Internet Investigations

15:40-16:25 SESSION C

Presented by Trovicor

15:40-16:25 SESSION D

with Artificial Intelligence

Presented by Voyager Labs

Thursday, 11 June 2020

with Artificial Intelligence

Presented by Voyager Labs

Presented by Innosystec

08:30-09:15

09:15-10:00

Presented by Packet Forensics

about the Intelligence Platform

**Data is Transforming Policing** 

Presented by Ultra

Cellebrite

#### 11:00-11:45

Using ML, device fingerprinting (not just IP addresses) and tactical fiber systems to detect threats and anomalies in mass IP data. A discussion with use cases on sophisticated rule based systems.

Presented by Vehere

#### 12:45-14:00

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

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

#### Track 4

## Threat Intelligence Gathering and Cyber Security Product Training

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees

#### Tuesday, 9 June 2020

#### 10:35-11:25

The Matrix Concept – Combining forwardthinking intelligence tools and proven workflows to assemble a coherent intelligence picture (LIVE DEMO)

Presented by Rayzone Group

## 14:15-15:05 SESSION A

Cyber Intelligence in Our Increasingly Privacy & Security Conscious Environment

Presented by Wintego

#### 14:15-15:05 SESSION B

Disrupt cyber threats by unmasking your adversaries

Presented by 4iQ

#### 15:25-16:00 SESSION A

Cyber Intelligence in Our Increasingly Privacy & Security Conscious Environment • Presented by Wintego

#### 15:25-16:00 SESSION B

Live Demo. Real Investigation, from OSINT and exfiltration to active cyber security tools (Cyberwarfare)

- Antonio Ramos, COO, MOLLITIAM
- CYBERINTELLIGENCE

#### 16:30-17:20

Live Demo. Real Cyberoperation, invisible control of Android smartphones, Windows/ macOS systems and Cloud (hijacking)

 Antonio Ramos, COO, MOLLITIAM CYBERINTELLIGENCE

#### Wednesday, 10 June 2020

#### 13:00-13:45

Hushmeeting: creating an iron-clad and quantum-safe communication environment • Presented by Feedback Italia

#### 15:40-16:25

Router based interception – redefining remote monitoring by infiltrating targeted LAN networks (LIVE DEMO) • Presented by Rayzone Group

#### Tresented by Ruyz

16:30-17:15

Improving Threat Analytics: Using DPI Sensors for High-Resolution Traffic Intelligence at Extreme Throughput even in the most Demanding Environments

 Sebastien Synold, Product Manager, Qosmos DPI Business Unit, ENEA

### Thursday, 11 June 2020

#### 08:30-09:15

Worldwide Virtual SIGINT – monitoring digital footprint in order to anticipate and prevent evolving threats (LIVE DEMO)

Presented by Rayzone Group

#### 15:40-16:25

Router based interception – redefining remote monitoring by infiltrating targeted LAN networks (LIVE DEMO)

Presented by Rayzone Group

#### Track 5

## Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

This track is for law enforcement and private enterprise investigators who have to monitor and investigate the DarkNet along with Bitcoin transactions associated with criminal activities. Note: Some sessions are only open to LEA and Government. These sessions are marked accordingly.

#### Tuesday, 9 June 2020

#### 11:30-12:20

Understanding Cryptography used in Third Party Ecryption Services, Bitcoin, Blockchain, TOR, DarkNets, 2G/3G/4G/5G and WiFi for Technical Investigators

Dr. Jerry Lucas, President, TeleStrategies

#### 13:20-14:10

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

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

#### 15:25-16:15

Offline Darknet web-crawling with the Web-I-Qube

(THIS SESSION IS ONLY OPEN TO LEA AND GOVERNMENT ATTENDEES)

Presented by mh-Service GmbH

#### Wednesday, 10 June 2020

#### 13:00-13:45

Offline darknet investigation with the Web-I-Qube

Presented by mh Service GmbH

#### 13:50-14:35

Building a Secured Environment Through Threat Intelligence • Presented by MAGEN

#### 16:30-17:15

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

(THIS SESSION IS ONLY OPEN TO LEA AND GOVERNMENT ATTENDEES)

Presented by AREA

#### Thursday, 11 June 2020

#### 08:30-09:15

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

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

#### 09:15-10:00

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

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

#### 11:00-11:45

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

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

#### 12:45-13:30

Follow the Cryptocurrency trail to trace the next terrorist

Presented by Verint

#### 13:30-14:00

- Hunting Down Cryptocurrency Users
- Vladimir Vesely (Ph.D., Computer Science) Researcher, **Brno University of Technology**

#### Track 6

## Mobile Signal Intercept Product Training and Demonstrations

This track is for Law Enforcement, Interior Security and the Government Intelligence Community who must work with cellular and mobile satellite operators regarding mobile location, electronic surveillance and RF intercept. This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

#### Tuesday, 9 June 2020

#### 8:30-9:20

Understanding Mobile 2G, 3G, 4G and 5G Infrastructure, Intercept and Cryptography • Dr. Jerry Lucas, President, TeleStrategies

#### 10.35-11.25

VSAT Networks: Tactical and Strategic Threat Detection and Geolocation

#### • Presented by Kratos

11:30-12:20

Border Security and Force Protection Analytics using Passive RF

### Presented by Packet Forensics

Anjul Bahuguna, Polaris Wireless

Wednesday, 10 June 2020

Presented by WiSpear

reveal hidden targets

Presented by Providence

Thursday, 11 June 2020

Presented by Rohde Schwarz

Presented by Rohde Schwarz

Presented by Advanced Systems

**Providence Training Academy** 

**Overview of Mobile Radio Analysis** 

SCPC/VSAT interception in CiC/CuC scenarios

#### 14:15-15:00

Real-time identification and geo-location in mobile networks: how to identify and get, in real-time, the accurate position of a handset in a mobile network

**Distributed IMSI Catching & Private networks** 

• Nick Johnson, CTO & Head of PLM, IP Access

Empowering field intelligence teams - how

cyber operations more successful than ever

Strategic intelligence to follow trends and

Intellexa combines native 3G/4G interception

and long range WiFi interception to make field

Presented by Evistel

#### 15:25-16:15 Accurate 3D Location for National Security

09:00-10:00

13:50-14:35

16:30-17:15

08:30-09:00

09:15-10:00

#### Track 7

## Electronic Surveillance Training and Product Demonstrations

This track is for law enforcement investigators and the government intelligence community who are responsible for deploying video, audio and GPS surveillance products and only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

#### Tuesday, 9 June 2020

#### 13:20-14:10

A new intelligent approach for covert video recording and streaming

Presented by Pro4Tech

#### 13:20-14:10

A new paradigm for covert audio surveillance in large areas

Presented by Commesh

#### 15:25-16:15

Waveguard's border monitoring and control solutions

Presented by WaveGuard

#### 16:30-17:20

Simultaneous use of many Squarehead Audio recorders in complex and challenging acoustic environments.

Stig Nyvold, CEO, Squarehead Technology

#### Wednesday, 10 June 2020

#### 13:00-13:45

Delivering Urban Safety through Counter-Drone Defence

Presented by **D-Fendsolutions**

### 13:50-14:35

Breaking the borders of tactical cyberintelligence

Presented by Jenovice

#### 15:40-16:25

Mobile Location Intelligence: how to leverage active targeting, Big Data and tactical geolocation capabilities

Presented by Creativity Software

#### 16:30-17:20

Tactical Multi-Interfaces Communication

Hans-Georg Schilling, Intecs

#### Track 8

## 5G Lawful Interception Product Training

This track is open to all conference attendees.

#### Tuesday, 9 June 2020

#### 9:25-10:15

Understanding 5G New Radio and Encryption Infrastructure for Technical Investigators • Dr. Jerry Lucas, President, TeleStrategies

#### 10:35-11:25

Understanding 5G Network Core (NFV, SDN, EDGE Computing and Network Slicing) for Law Enforcement Investigators Enforcement Investigators

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

#### 14:15-15:05

How new technologies, like 5G, change the lawful interception landscape

Presented by Group 2000

#### 15:25-16:15

The challenges 5G brings to cellular Security & Surveillance

• Nick Johnson, CTO & Head of PLM, IP Access

#### Wednesday, 10 June 2020

#### 09:00-10:00 Session A

Lawful Interception and Communication Data, Current & Future Challenges: Mobile, Cyber Security, Virtualization and AI - An industry view

Alex Leadbeater, **3GPP SA3-LI** and **ETSI TC** Cyber Chairman and Head of Global Obligations Future and Standards, **BT Security** 

#### 13:00-13:45

Lawful Interception in 5G Mobile Networks

Presented by Utimaco

#### 13:50-14:35

Challenges to consider when preparing for the 5G Lawful Interception Era • Presented by Verint

#### 15:40-16:15

Multi-Access Edge Computing (MEC) and LI

Presented by Utimaco

#### 16:30-17:15

- ETSI/3GPP LI/RD Standards Update
- Alex Leadbeater, 3GPP SA3-LI and ETSI TC Cyber Chairman and Head of Global Obligations Future and Standards, BT Security
- Gerald McQuaid, ETSI TC LI Chairman and Special Requirements Advisor, Vodafone Group
- Carmine Rizzo, ETSI TC LI Technical Officer and 3GPP SA3LI Secretary, ETSI

#### Track 9

#### Financial Crime Investigation and Prevention Training

This track is open to all conference attendees.

#### Thursday, 11 June 2020

#### 08:30-09:15 Criminal Essentials: The Needs of a Criminal

Network

Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC

#### 09:15-10:00

Financial Crime Schemes in Money Laundering

 Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC

#### 11:00-11:45

The Essentials of Trade Based Money Laundering

 Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC

#### 12:45-13:30

How Does Money Actually Move?

Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC

#### 13:30-14:00

#### Follow the Money Beyond the Banks

 Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC

Registration Information Save \$300 by registering before 19 April 2020

## Law Enforcement/DHS/IC/DoD Registration\*

ISS World Conference Training Tracks 1-9,	
Pre-Conference Seminars plus Exhibits\$995	
Registration after 19 April 2020\$1,295	

## Telecommunications Service Provider or Private Enterprise Registration

S World Conference (Tracks 1, 5, 8, & 9),	1
e-Conference Seminars and Exhibits\$995	P
egistration after 19 April 2020\$1,295	F

## Vendor Registration

ISS World Conference (Tracks 1, 5, 8, & 9),	
Pre-Conference Seminars and Exhibits	\$995
Registration after 19 April 2020	\$1.295

\*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 2, 3, 4, 6 & 7 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 5 June 2020 in order to verify eligibility. Government photo ID required for classroom access.

#### Free Colleague Registration:

Register as paid and you can invite a colleague to join you at ISS World Europe 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: Clarion Congress Center**

To reserve a room at the early bird rate of 115 EUR (\$125 US) go to www. issworldtraining.com and select ISS World Europe 2020 or call 420 211 131 119 and reference ISS World 2020. Early bird rate expires 9 April 2020.

#### **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 a government employee, LEA, telecom operator or vendor with LI, surveillance or network products or services. If you have questions e-mail Tatiana Lucas at talucas@telestrategies.com.

#### Registration

Phone: 1-703-734-7050 Fax: 1-703-734-9371 Online: www.issworldtraining.com

# ISSWOrld Europe

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

## 9-11 JUNE 2020 • CLARION CONGRESS HOTEL • PRAGUE, CZ

