OPEN SOURCE INTELLIGENCE SEMINAR SERIES

Transforming Your Research and Analytic Skills

Winter 2015
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A 21st Century Skillset

The Global Governance Institute and i-intelligence are pleased to announce the next iteration of their intelligence and cybersecurity seminars in Brussels. Designed and developed by leading faculty and experts from industry, government and academia, our seminars will provide you with the research, analytic and technical skills you need to advance your career in the coming decade. Specifically, we will show you how to:

- Improve the quality, accuracy and relevance of your search results
- Automate the collection of mission or business critical data using free web tools
- Enhance your critical thinking and analytical skills
- Produce world class reports and presentations
- Monitor social media to support strategic and operational decision making
- Improve your online privacy and security
- Protect the physical and digital data assets of your organisation
- Boost your efficiency and productivity in the workplace

Quality Education

Our seminars offer the perfect blend of theory and practice. Participants will be introduced to the concepts and models that inform today’s best practices, and will be given ample time to experiment with the tools, techniques and technologies that are taught. In addition to the course slides, participants will receive a host of supplementary materials including cheat sheets, templates, software tools and additional reading materials to enable self-study.
**Professionally Relevant**

Our seminars guarantee measurable outcomes. Our curricula are designed around professional standards and best practices. We draw on the experience of the world’s foremost practitioners and use real-world case studies and simulations to help students internalise lessons learned and apply these skills in the workplace.

**Cost Effective**

We are committed to making instruction in intelligence and cybersecurity as affordable as possible. Our seminars have been competitively priced to help organisations and individuals of all backgrounds acquire and employ a 21st century skillset. Group discounts are available for organisations wishing to send more than one participant. Contact us to find out more.

**Who Should Attend**

Our seminars are relevant to all professionals, regardless of their background or career ambitions. That said, they have been optimised to support the work of:

- Diplomatic staff and foreign affairs professionals
- Law enforcement and intelligence practitioners
- Defence professionals
- Researchers, analysts and desk officers
- Risk managers and consultants
- Chief information officers
- Fraud investigators
- Strategy professionals
- Journalists
- Academics and students
Course Dates

Our Winter 2015 seminars will take place on the following dates:

- Open Source Intelligence: 11 – 13 November 2015
- Advanced Open Source Intelligence: 16 - 18 November
- Social Media Intelligence: 30 November – 2 December

Course Fees

The following fees apply for participation at our seminars. Payment should be made in advance of the course to an account specified by the organisers.

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<th>Category</th>
<th>Open Source Intelligence</th>
<th>Advanced OSINT</th>
<th>SOCMINT</th>
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Student applicants have to provide written confirmation from an academic institution that they are enrolled in a full or part time program of education.
Open Source Intelligence

This three-day seminar provides a detailed introduction to the discipline of Open Source Intelligence (OSINT). Participants will learn how to identify their intelligence needs and leverage a broad range of tools and sources to improve data collection, analysis and decision-making in their organisation.

Course Outline

Day 1

Introducing OSINT
- OSINT in history, theory and practice
- The varieties of OSINT (online, offline, etc.)
- The benefits and limitations of OSINT
- The strategic and operational dimensions of OSINT
- Legal and ethical constraints

Managing Requirements
- Working with intelligence customers
- Identifying collection requirements
- The Key Intelligence Topics (KITs) process
- Collection planning
- Collection frameworks

Day 2

Effective Internet Exploitation
- Working with keywords
- Search strategies
- Search engines and operators
- Automating data collection
- Alert services
- Working with the Deep Web
- Working with Social Media
- Building a customized search engine
- Essential browser tools and extensions

Safer Searching
- Privacy, anonymity and proxy tools
- Working with Tor and the Dark Web

Day 3

Data Management and Exploitation
- Validating your search results
- Data processing and enrichment
- Organising data for analysis
- The pre-analysis checklist
Course Benefits

On completion of this course, participants will have acquired the ability to:

• Identify and manage their intelligence requirements
• Improve the quality, accuracy and relevance of their search results
• Automate the collection of data from the web and social media
• Build a personal monitoring system to support strategy and decision making
• Improve online privacy, anonymity and security
• Organise data to identify knowledge gaps and support effective analysis

Course Requirements

Participants are required to bring a laptop with them and to set up a Gmail and Twitter account if they do not already have one.
Advanced OSINT

This three-day seminar builds on the content of our introductory OSINT course. The objective here is to extend the OSINT professional’s skillset, allowing them to exploit a broader range of sources and data types. Emphasis is also given to the importance of human and cultural intelligence as a compliment to one’s online skills.

Course Outline

Day 1

Advanced Data Collection
- Google Hacking the Deep Web
- Web rippers and scrapers
- Feed manipulation and processing tools
- Working with open data and APIs

Day 2

Web Intelligence
- Whois, DNS and IP tools
- Site mapping
- Email tracing and validation
- Metadata exploitation
- Network analysis with Maltego

Day 3

Geospatial Intelligence
- Maps and mapping tools
- Working with geolocational data
- Generating data from social media
- Crisis mapping with Ushahidi

Human Intelligence
- Identifying and working with experts
- Leveraging social networks
- Professional networks and associations
- Interview and elicitation skills
- Analysing for duplicity and deception

Cultural Intelligence
- Varieties, benefits and limitations
- Gathering and analysing CULTINT
- Incorporating CULTINT into your analytic products
- Communicating CULTINT to decision makers
Course Benefits

On completion of this course, participants will have acquired the ability to:

- Automate data collection and processing using free web-based tools
- Identify the ownership and provenance of websites and other resources
- Conduct web reconnaissance on organisations and individuals of interest
- Leverage geospatial data for strategic and operational intelligence purposes
- Identify and work with human sources of intelligence

Course Requirements

Participants are required to bring a laptop with them and to set up a Gmail and Twitter account if they do not already have one. Additional software requirements will be sent prior to the start of the course.

We also recommend that participants on our Advanced OSINT program first take our Open Source Intelligence seminar to ensure they understand the technical standards and operating principles that underpin data collection and analysis.
Social Media Intelligence

This three-day course will demonstrate how to generate strategic and operational intelligence from social media sources. Participants will be shown how to collect, process, analyse and communicate social media intelligence (SOCMINT) using free tools and standard office productivity software. Further, they will be shown how to identify and monitor influences and leading voices. Finally, they will be shown how to conduct rigorous online investigations using a broad range of tools and resources.

Course Outline

Day 1: SOCMINT I

Introducing SOCMINT
- Social media: its history and evolution
- The variety of SOCMINT sources
- Defining your SOCMINT requirements
- Legal and ethical considerations

Establishing Your SOCMINT Toolkit
- Configuring your browser
- Extending your search capabilities
- Developing keyword indices
- Research tools and extensions
- Collaborative research tools
- Content curation / management tools

Automating SOCMINT Collection
- Monitoring frameworks and approaches
- Keyword / hashtag discovery and validation
- Source discovery and validation
- Recommended tools, apps and extensions
- Establishing a monitoring dashboard

Working with Social Networks
- Working with Facebook, Google+ and LinkedIn
- Finding and monitoring users, groups and fan pages
- Mining social networks for SOCMINT
- Using third party tools and search services
- Generating user stats and analytics
Day 2: SOCMINT II

Working with Twitter and Instagram
- Finding, monitoring and geolocating users
- Monitoring geolocated content
- Generating user stats and analytics
- Automating data collection
- Search and content discovery tools
- Third party dashboards and extensions

Blogs and Discussions Boards
- Mining blogging platforms for intelligence
- Working with visual blogs (Pinterest, Tumblr, etc.)
- Working with Reddit and discussion boards
- Determining reach and influence

Foreign Language SOCMINT
- Mapping the SOCMINT universe
- Mining and monitoring foreign language services
- Working with translation tools and extensions

Day 3: Online Investigations

Getting Started
- The investigators toolkit
- The investigative process
- Working with target profiles and templates
- Maintaining privacy and security online

Investigating Websites
- Whois, DNS and IP tools
- Site mapping
- Site stripping
- Cached and archived content
- Network analysis with Maltego

Investigating Organisations
- Company profiling
- Identifying management and ownership
- Working with official records
- Working with satellite / imagery sources
- Sources of financial data

Investigating Individuals
- Finding people online
- Mapping an individual’s online footprint
- Screen name investigations
- Finding and validating email addresses
- Email tracing and traffic analysis
Course Benefits

On completion of this course, participants will have acquired the ability to:

- Monitor a broad range of social media sources, including non-Western ones
- Identify and follow leading voices and opinion makers
- Track the evolution of critical conversations and ideas
- Apply free tools and standard office software to analyse the data collected
- Use SOCMINT to support strategic planning, risk management and crisis response
- Conduct online investigations in a legal and ethically appropriate manner

Course Requirements

Participants are required to bring a laptop with them and to set up an anonymous Gmail, Twitter and Facebook account if they do not already have one. Additional software requirements will be sent prior to the start of the course.
Additional Information

Number of Participants

The maximum number of participants per seminar is 15. This ensures a greater level of engagement, collaboration and guidance from the instructor.

Course Hours

The seminars will run from 9:00am to 5:00pm. This includes a one-hour lunch break and two twenty-minute coffee breaks.

Location

All seminars will take place in Brussels at a location to be confirmed.

Language

The language of instruction, together with all course materials, will be English.

Registration and Enquiries

To register, or for further information, please contact info@i-intelligence.eu or akhatcha@globalgovernance.eu.

Confirmation Policy

Courses will be confirmed one month prior to the start date. Participants are advised to make travel arrangements only after this time.

Cancellation Policy

Participants cancelling within a week of the seminar will be charged 80 per cent of the course fee. If you cannot attend, you are welcomed to have someone do so in your place and so avoid losing your registration fee. i-intelligence and the GGI reserve the right to cancel the course if there is an insufficient number of registrations. You will be given adequate notice if this is the case. A full outline of our terms and conditions will be submitted to each participant on enrollment.
The Organisers

The Global Governance Institute

The Global Governance Institute (GGI) is an independent, non-profit think tank based in Brussels. GGI brings together senior policymakers, scholars and practitioners from leading institutions to devise, strengthen and improve forward-looking approaches to global governance.

The GGI provides comprehensive research, cutting-edge analysis and innovative advice on core policy issues, informed by a truly global perspective. This includes raising awareness on major governance challenges among the general public.

The GGI has conducted research and policy-oriented advice for a variety of national and international bodies. At the heart of its approach lies independence and impartiality, and a deliberate mix of conceptual and policy-oriented perspectives, promoting ‘pragmatic idealism’ in global problem solving.

i-intelligence

i-intelligence is a commercial intelligence consultancy based in Zurich, Switzerland. Established in 2010, the company provides research, training and advisory services to public and private sector organisations in Europe and beyond.

i-intelligence is a leading provider of holistic training solutions. Our course portfolio covers the entire intelligence cycle as well as related disciplines such as information and knowledge management, futures and foresight and risk and strategy analysis.

The company’s clients include EU and UN institutions, the Council of Europe, NATO, ministries of defence and foreign affairs, Fortune 500 companies and enterprising SMEs.
The Instructor

Chris Pallaris is Director and Principal Consultant of i-intelligence. He leads and coordinates the company’s research, teaching and consulting activities in Europe and beyond.

Chris has over 15 years of experience as an analyst and 10 as a teacher. He is recognised as one of Europe's leading instructors in intelligence and its related disciplines. In addition to teaching engagements for his clients, he also holds a number of formal teaching positions. He is an Associate Lecturer at Mercyhurst University's Institute for Intelligence Studies. He also teaches courses in the domain of strategic intelligence and knowledge management at the ZHAW's School of Management and Law, and on behalf of the Rochester-Bern Executive MBA. He is also a regular instructor at the NATO School in Oberammergau, and at NATO's Centre of Excellence, Defence Against Terrorism (COE-DAT) in Ankara, Turkey.

In addition to the above, Chris serves on the board of the European Open Source Intelligence (EUROSINT) Forum, where he chairs a working group on best practices in intelligence. He is also a board member of the European Information Network on International Relations and Area Studies (EINIRAS). Further, he sits on the Editorial Board of the Partnership for Peace ( PfP) Consortium of Defence Academies and Security Studies Institutes.

Chris has a degree in International History from the London School of Economics and Political Science, and an MBA from the Open University.
Contact Us

**Global Governance Institute**
Arianna Khatchadourian  
Tel: +32 (0) 2 614 82 09  
Email: akhatcha@globalgovernance.eu

**i-intelligence**
Chris Pallaris  
Tel: +41 (0) 43 243 3849  
Email: info@i-intelligence.eu