



Cybersecurity Awareness Calendar 2024

October
Artificial Intelligence

Turning up Neon Lights for Awareness Nights!



EUROPEAN CYBER SECURITY ORGANISATION

ECSCO aims to spread awareness of key aspects of cybersecurity and showcase ECSCO Members and the cybersecurity community's solutions and services.

Introducing our 2024 topics:

January: Zero Trust

February: Quantum Computing and Cryptography

March: Ransomware

April: Cybersecurity Solutions to Secure SME Businesses

May: The Road to a Career in cyber

June: Supply Chain

July: European Regulations and Compliance

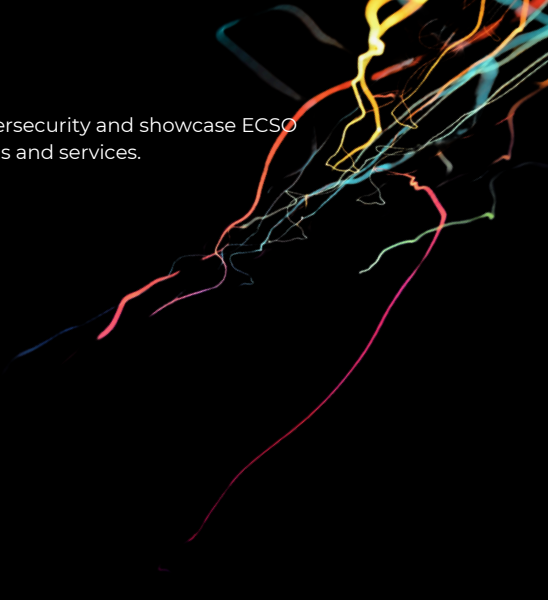
August: Generative AI

September: Internet Of Things (IOT)

October: Artificial Intelligence

November: Threat Vulnerability

December: Cloud Computing



ECSO

EUROPEAN CYBER SECURITY ORGANISATION

Resources from our Members



Effective and explainable AI – a use case of false base station detection

ERICSSON



Novelty detection, a widely used application of machine learning, involves identifying anomalies in new data when compared to a previously collected dataset. In the past few years, it has become increasingly important not just to be able to tell if a given data point is an anomaly but also why. Welcome to the world of explainable AI (XAI).

Read more **[HERE: Explainable AI and false base station detection - Ericsson.](#)**

Cyber Risk Manager: Defending Digital Infrastructure and Enhancing Cybersecurity Culture



The Cyber Risk Manager is essential for protecting digital infrastructure and corporate data by identifying and assessing cyber risks, and developing mitigation strategies using advanced technologies. This role involves coordinating incident response to ensure the organization is prepared to minimize damage from attacks. The Cyber Risk Manager also ensures regulatory compliance, especially with standards like GDPR, and promotes an internal culture of cybersecurity through staff training. Continuous monitoring of systems to detect new threats and updating security measures is also part of their responsibilities. ExpriVIA Cybersecurity has a dedicated team for managing information security, offering tailored consulting and solutions to ensure data protection.

Read more [HERE](#).

Get up to speed with advances in AI with ISC2

The ISC2 logo is displayed in a large, white, sans-serif font. The background of the slide features abstract, colorful, glowing lines in shades of blue, green, and red, resembling a network or data flow, set against a dark background.

Build fundamental knowledge of the principles and requirements necessary to implement current artificial intelligence best practices in cybersecurity with **four new ISC2 AI Courses**.

Foundations of AI

Learn to define AI, understand key terminologies, and explore AI technologies and applications.

AI for Cybersecurity

Build a foundation in cybersecurity's AI applications, focusing on AI-specific attacks, mitigation, and threat tools.

Aligning with Global AI Regulations

Examine how to align AI security frameworks with broader security principles, comparing standards and secure AI practices.

Planning for Secure by Design AI

Understand the challenges of integrating cybersecurity with AI governance and its impact on organisational roles.

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The roadshow Executive Cyber Security Day by Materna Radar Cyber Security covers the topics of artificial intelligence and regulations in cyber security. Intriguing talks and panel discussions in Hamburg, Berlin and Dortmund are hosted by Materna Radar Cyber Security's executives and partners such as Elastic, ServiceNow and agineo.

For Agenda and Registration, click [HERE](#).



Boost your domain exploration with External Attack Surface Management (EASM), using the power of AI



The AI-powered domain discovery feature in EASM saves time and gives a better understanding of your company's vulnerabilities. This helps you to take proactive measures against threats.

Analyse extensive data points: The AI tool looks at up to 50,000 data points, including SSL certificates, namespace matches, website links, and redirects, reverse WHOIS data, and more. This in-depth analysis helps find your organization's domains.

Continuous monitoring: The AI continuously monitors domains to quickly identify and address new developments or threats.

Identify and track suspicious domains: By spotting similar domains, AI detects potential cybersquatting or phishing. This helps prevent impersonation attacks.

Domain Discovery AI model used by Outpost24 is trained using a deep learning algorithm, boasting a remarkable 92% accuracy rate.

Read more [HERE](#).



Resources from the Community



The Rise of AI in Security Operations: A Glimpse Into the Future



Artificial Intelligence is transforming SOCs by automating routine tasks, improving alert accuracy, and accelerating threat responses. While AI tools currently help analysts save 10% to 20% of their time, the true potential for growth remains vast as the technology evolves. Discover the visionary applications of AI that could revolutionize SOCs. Learn more.

Learn more **HERE:** <https://www.hwgsababa.com/en/ai-in-security-operations/>

Thank you for your time!



The Cybersecurity Awareness Calendar
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