Newsletter April 2018



Center for Cyber Security and International Relations Studies

Cyber Policy, Diplomacy & Legal Framework

 WITH ITS NEW 'WHITE BOOK,' FRANCE LOOKS TO BECOME A WORLD-CLASS PLAYER IN CYBER SPACE

The French Strategic Cyberdefense Review advocates a more state-centric approach to cybersecurity, contrasting the US private-sector led vision. Recognising the potential dangers of an unregulated cyberspace France aims to become a leading voice in the normative debate on the rules of cyberspace, allowing for, in the most extreme cases, even military responses.

- How Local Governments Can Prevent Cyberattacks
 Local governments all over are embracing modern technologies, but are
 often not aware of the precautions and policies necessary to defend
 against attacks. A change in culture is key for a securer future
- Why the CLOUD Act is Good for Privacy and Human Rights By streamlining certain foreign countries' access to data concerning their citizens the CLOUD Act will discourage governments from attempting to delocalise data from the US.
- <u>Cambridge Analytica and Facebook: The Scandal and the Fallout So Far</u> From the first disclosures to the analysis of the recent hearings involving Mark Zuckerberg in front of the Senate and the House: the New York Times' take on the Cambridge Analytica scandal.
- <u>New West Virginia law targets cyber bullies</u> West Virginia legislature has been among the first to create a law which prohibits online harassment, threats, and intimidation, making cyber bullying of kids a crime.

Cyber Security

- <u>Cboe urges U.S. regulators to move forward with bitcoin ETFs</u> As investor demand for virtual currencies soars, exchange holding companies such as Cboe Global Markets are putting pressure on the Securities and Exchange Commission (SEC) to allow exchange-traded funds (ETF) that include cryptocurrencies into the market. So far the SEC has been reluctant in accepting such funds, asking for more time to examine the issue
- <u>Thousands of Sears, Delta customers affected by data breach</u> Credit card information of tens of thousands of clients were left vulnerable to cyberchiminals ten weeks due to the hacking of third-party vendors, managing online customer chat services.

Events

- IoT Tech Expo Global 2018 April 18 -19, 2018 | London, United Kingdom
- <u>Cyber-Crime Conference 2018</u> April 18, 2018 | Rome, Italy
- IL VALORE DEL DATO PERSONALE April 19, 2018 | Rome, Italy
- <u>Workshop Hacking mind in the</u> <u>cyber age</u> April 19,2018 | Rome, Italy
- <u>11th European Workshop on Systems</u> <u>Security (EuroSec)</u> April 23, 2018 | Porto, Portugal
- International Conference on Data Mining (DaMi) April 28 - 29, 2018 | Copenhagen, Denmark
- Workshop GDPR: Stato dell'adeguamento in Italia e risultati attesi alla scadenza dei termini per la sua applicazione May 31, 2018 | Rome, Italy







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Centro interdipartimentale Studi Strategici Internazionali Imprenditoriali • <u>Government websites hit by outage, cyber security chief says it was a</u> <u>technical glitch</u>

An apparent cyberattack affected over a dozen official Indian govt. websites, but the National Coordinator of Cyber Security said that the issues were due to hardware failures

• <u>Atlanta takes down water department website two weeks after cyber</u> <u>attack</u>

Two weeks after a ransomware cyber attack targeted the city's computer systems, Atlanta had to take down its water department's website due to ongoing issues

• <u>Cloudflare's new DNS service speeds up surfing, maintains your privacy</u> Cloudflare announced the release of a new tool aimed at increasing internet connection speeds without allowing internet service providers and the company itself from collecting data.

Cyber Warfare, Intelligence and Terrorism

• <u>A cyber attack in Saudi Arabia failed to cause carnage, but the next</u> <u>attempt could be deadly</u>

The August 2017 attack on a petrochemical plant highlighted the danger posed by cyber attacks to industrial plants. Exact details on the

investigation of the attack are closely guarded, but the sophistication of the attack and required funds indicate nation state involvement. Worryingly, the compromised component is used in 18,000 plants globally, including some nuclear plants.

- <u>Artificial Intelligence: The Next Frontier of Cyber Warfare?</u> Even if the adoption of AI technology it is still in its nascent stages, a report warned that cybercriminals may soon be leveraging AI to increase the scope and efficiency of their attacks.
- <u>Cyberattack targeted provider of electronic data affecting gas pipeline network</u> In Houston, Texas, a cyber attack interrupted the communications between four natural-gas pipeline operators and their consumers. While gas service was not interrupted, vulnerabilities were highlighted.
- <u>Marines started to test new information warfare units</u> The Marine Corps is developing a process that will lead to the integration of all information-related capabilities such as cyber, signals intelligence, electronic warfare and information operations.
- <u>Presumed Russian hacker extradited to the U.S.</u> Yvegeniy A. Nikulin was arrested in 2016 with the accuse of having hacked the systems of three American technology companies. After having being held in in the Czech Republic, the man was extradited to the U.S..

Cyber Opportunities: Economy, Research & Innovation

• Cyber needs to be centre stage for every world leader, minister and business CEO

The Commissioner on the Global Commission for the Stability of Cyberspace, Christopher Painter, underlines the need to demystify cyber policy and make it part of the larger national and economic discourse. Cyber policy should involve leaders, ministers and CEOs to address the threats posed by cyberspace, but at the same time the many opportunities offered by this fifth dimension.

<u>It's embarrassingly huge': John McAfee reveals why he charges over \$100,000 for each market-moving cryptocurrency tweet</u>
 McAfee decided to reveal the influence his tweets have on the price of cryptocurrencies as a proof of transparency. In addition, it warned the other promoters to be clear about their dealings with cryptocurrencies firms since they risk facing repercussions

• <u>What A Cyber Security Firm Can Teach You About Making Your Pitch</u> Liz Maida, co-founder and CEO of Uplevel Security, an early-stage company looking for capital and seeking top





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talent to differentiate itself in the crowded marketplace of cybersecurity, shared her experiences about the protection of data.

• <u>\$64 million from the state to advance cyber and education</u> Georgia invest 64\$ million in Augusta University to advance cybersecurity and education. A new Center for Cyber Innovation and Training will open in July as a proof of the partnership between the Central Institutions and the Academia.

Italian Focus

• Una tecnologia nazionale per la cyber security: che può fare l'Italia

Italy should invest in a national hardware system in some strategic area. Hardware that is not appropriately protected can be the weak link in the chain, becoming a gateway to the system, to its functionality and top the data processed and / or stored in it. It can start from a National Research and Development Center in cybersecurity, which will have as main task advanced research, the development of architectures, applications and actions of various national nature

- <u>F-Secure, 30 anni d'innovazione nella cyber security</u> F-Secure celebrates its thirty years and traces the stages of its history. The company's new strategy - Predict, Prevent, Detect, Respond - today guides the entire offer
- <u>Cyber security, Microsoft e Vodafone insieme per Pmi</u> Microsoft and Vodafone announce a collaboration to offer Italian companies the solution of Modern Workplace, designed for small and medium-sized businesses to protect corporate data and provide support for the adaptation to the new GDPR
- <u>Cyber crime, operazione congiunta Polizia italiana e rumena</u> The "Bruno" operation ordered home and IT searches that put into practice the judicial and coordination cooperation mechanisms provided by Eurojust
- <u>Facebook, l'Antitrust italiana apre istruttoria su raccolta e uso di dati</u> Following the Cambridge Analytica scandal, the Italian Antitrust Authority decided to open an investigation against Facebook to determine if there were any improper commercial practices regarding the collection and use of data.

European Focus

- <u>Majority of European businesses unprepared for GDPR IDC</u> Only 29 per cent of European small business and 41 per cent of midsize businesses "have taken steps to prepare" for GDPR, according to IDC.That's despite just a seven-week deadline before the <u>EU's privacy legislation</u> comes into force on 25 May. The potential penalties for failing to meet these requirements are severe: up to £17.5m or four per cent of annual revenues.
- <u>UK cyberskills lagging behind Europe</u> UK IT leaders have become increasingly concerned that they do no have adequate levels of expertise in cloudbased security and data protection
- <u>France and Estonia strengthen digital cooperation</u>
 On March 19 Paris and Tallinn have signed an e-government agreement to combat cyberattacks and develop the digital economy
- <u>A Euro Cyber Resilience Board for pan-European Financial Infrastructures</u> First meeting of the Euro Cyber Resilience Board for pan-European Financial Infrastructures. The ECRB's objective is to enhance the cyber resilience of financial market infrastructures and their critical service providers, as well as that of the wider EU financial sector, in line with international standards
- <u>Applied Risk Launches New European Program to Tackle Industrial Cybersecurity Challenges</u> Applied Risk, an established leader in industrial security, has today launched a new program to help industrial operators and suppliers across Europe achieve compliance with NIS Directive



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