



Cyber Policy, Diplomacy & Legal Framework

- [France's Rollout of Nationwide Facial Recognition ID Program Raises Privacy and Security Concerns](#)

In November, France will become the first European country to debut a nationwide facial recognition ID program known as Alicem. The government-run program, which is being rolled out in the name of greater “efficiency” for the state, will require French citizens looking to access certain government services to enroll in the program



- [United States, UK and Australia Pressing Facebook to Abandon End-to-End Encryption Plans](#)

In an open letter addressed to Facebook CEO Mark Zuckerberg, high-ranking law enforcement officials from the United States, UK and Australia urged Facebook to abandon its future plans for end-to-end encryption.

- [Cyber Governance Issues Take on High-Profile Status at the UN](#)

If this year's General Assembly at the United Nations is any indication, then the next two years are going to be absolutely fundamental to the future development of cyberspace.

- [US to help secure Baltic energy grid against cyber-attacks](#)

The United States and Baltic states on Sunday (6 October) agreed to beef up cooperation to protect the Baltic energy grid from cyber-attacks as they disconnect from the Russian electricity grid. US Energy Secretary Rick Perry and his Lithuanian, Latvian and Estonian counterparts termed the agreement “a critical moment for the Baltic States in strengthening cybersecurity” in strategic energy infrastructure.

- [US blacklists Chinese AI firms in reprisal against repression of Muslim minorities](#)

The US government expanded its trade blacklist to include some of China's top artificial intelligence startups, punishing Beijing for its treatment of Muslim minorities and ratcheting up tensions ahead of high-level trade talks in Washington this week.

- [The French version of international law applied to cyberspace](#)

Upcoming Events

October 1

[European Cyber Security Month](#)

October 21

[CS3](#)

October 29

[European Cybersec 2019 Forum](#)



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DSPS
Dipartimento di
Scienze Politiche
e Sociali



Centro interdipartimentale
Studi
Strategici
Internazionali
Imprenditoriali



In October 9th, the French Ministry of Defence published a document in which it was explicated France's position concerning the applicability of international law in cyberspace. An analysis from our Center's collaborator.

Cyber Security

- [Checkm8, the 'ultimate' jailbreak for iPhone? Here's the true](#)
A new exploit, called Checkm8, might consent iPhone jailbreaking. However it will more likely just help better understand the iOS coding.
- [Egyptian Hackers Blamed For Cyberattack On Android Devices—But It's Complicated](#)
As nation-state cyberattacks go, few have been more amateurish than the cyberattack on Egyptian civil rights activists and journalists that has been traced back to the Egyptian government.
- [Cybercrime is becoming bolder with data at the centre of the crime scene](#)
Cybercrime is continuing to mature and becoming more and more bold, shifting its focus to larger and more profitable targets as well as new technologies. Data is the key element in cybercrime, both from a crime and an investigate perspective.
- [Shipping giant Pitney Bowes hit by ransomware](#)
Shipping tech giant Pitney Bowes has confirmed a cyberattack on its systems. The company said in a statement that its systems were hit by a “malware attack that encrypted information” on its systems, more commonly known as ransomware.
- [New German rules leave 5G telecoms door open to Huawei](#)
Germany has finalised rules for the build-out of 5G mobile networks that, in a snub to the United States, will not exclude China's Huawei Technologies. Government officials confirmed that Germany's so-called security catalogue foresaw an evaluation of technical and other criteria, but that no single vendor would be barred in order to create a level playing field for equipment vendors.



Cyber Warfare, Intelligence and Terrorism

- [Fighting 'fake news' online: How soldiers in Latvia got fooled by bots](#)
When NATO's Centre for Strategic Communication in Riga discovered how easy it was to dupe its soldiers online, it has started looking for ways of countering false information, which comes, in large part, from Russia. The Latvian forest, not far from the Russian border. Thousands of soldiers from different NATO member states are training there to ensure continued military presence in Eastern Europe.

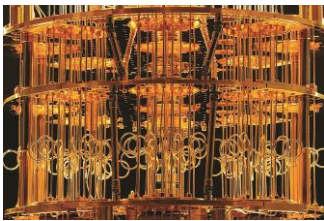
- [U.S. and UK Sign Landmark Cross-Border Data Access Agreement to Combat Criminals and Terrorists Online](#)

The United States and the United Kingdom entered into the world's first ever CLOUD Act Agreement that will allow American and British law enforcement agencies, with appropriate authorization, to demand electronic data regarding serious crime, including terrorism, child sexual abuse, and cybercrime, directly from tech companies based in the other country, without legal barriers.

- [New Asean cyber-security centre launched to train response teams to combat online threats](#)

To help bolster regional cyber-security capabilities, Singapore has launched a new centre for Asean member states to work together to conduct research, share knowledge and train to respond to cyber threats.

- [How The U.S. Hacked ISIS](#)



The battle against the group had been episodic to that point. U.S. Cyber Command had been mounting computer network attacks against the group, but almost as soon as a server would go down, communications hubs would reappear. The ISIS target was always moving and the group had good operational security.

- [Not only Russia. How disinformation from Beijing is spreading](#)

[online](#)

In order to improve its façade in front of the world, China is exploiting new and old means of information. An analysis from the Center's collaborator.

Cyber Opportunities: Economy, Research & Innovation

- [It's only a matter of time before quantum computers start solving real-world problems](#)

No, quantum computing did not come of age with Google's Sycamore, a 53-qubit computer solving in 200 seconds a problem that would take even a supercomputer 10,000 years. Instead, it is the first step, showing that a functional computation can be done with a quantum computer, and it does indeed solve a special class of problems much faster than conventional computers.

- [Intelligent building technologies are critical to a low-carbon future](#)

Rapid urbanisation and climate change are intertwined, making decarbonisation of the built environment paramount to stabilising the future. The technologies that will deliver significant emissions reductions there will deliver benefits for all those involved

- [Is Cryptocurrency Becoming Cybersecurity's Next Big Threat?](#)

There have been a number of high-profile hacks on crypto exchanges over the years. These sorts of headlines are what stop many crypto investors from realizing their ambition. The fear of losing their investment in an instant to hackers puts them off and they stick with stocks, shares or property.

- [Microsoft's update in October 2019 will correct 59 vulnerabilities critical\)](#)



(9)

In occasion of October Patch Tuesday, Microsoft released a patch in order to correct 59 vulnerabilities on the Windows operating system (OS).

Italian Focus

- [A single control room for the digital PA.](#)
A single control room for the public and the private sector, which would also have the participation of Minister of Innovation, Minister of Economic Development, Agid, and other PAs, would help creating a vast net of digital know-how and information.
- [The 5G and the forced geopolitical choice of Italy. An analysis from Unifi.](#)
After the words, the USA are waiting facts from Italy: the new legislation and the limitations to any external powers are not deemed enough, as they do not prevent Chinese companies to work to the creation of 5G net in Italy
- [Young Italian hackers on the podium of the Cyber Security Championship](#)
Information security, availability of talent and national security in the digital era, are strictly linked. The Italian second place in the championship gives hope to the country's future cyber capabilities.
- [The lack of professionals of cyber security in Italy: scenarios and recommendations](#)



There are different problems concerning the lack of professionals in cyber security: surely the low budget is a main issue, but the absence of qualified employees to hire.

- [FTCODE Ransomware, the Italian PECs are again under attack: details and advices to defend](#)

A dangerous variation of the FTCODE ransomware is aiming at the private and public PECs. Here's the technical details and the practical advices to prevent any possible attack.

European Focus

- [#ENISA – European Cyber Security month begins](#)
This campaign will focus on expanding awareness about cybersecurity to citizens across Europe. The 2019 campaign focuses on different themes addressing the need for behavioural change and identifying opportunities to help users recognize the risks of new technologies.
- [Copyright directive 'not in danger' EU says, following Google backlash](#)
The European Commission has assured those involved that the EU's controversial copyright directive is "not in danger," following Google's announcement that it will avoid

renumerating content creators by implementing technical changes to the way it displays news online.

- [EU warns of 5G cybersecurity risks, stops short of singling out China](#)

The European Union warned on Wednesday of the risk of increased cyber attacks by state-backed entities but refrained from singling out China and its telecoms equipment market leader Huawei Technologies as threats.

- [Europe's recharged antitrust chief makes her five-year pitch to be digital EVP](#)

Europe's competition commissioner Margrethe Vestager, set for a dual role in the next Commission, faced three hours of questions from members of four committees in the European Parliament this afternoon, as MEPs got their chance to interrogate her priorities for a broader legislative role that will shape pan-EU digital strategy for the next five years.

- [Spooked by Libra, EU pledges to regulate digital currencies](#)

The European Union's finance commissioner pledged on Tuesday to propose new rules to regulate virtual currencies, in a reaction to Facebook's (FB.O) plans to introduce Libra, which the EU considers a risk to financial stability.

- ['Right to be forgotten' will be valid only in Europe: the European Court of Justice surprisingly narrows GDPR's action](#)

ECJ, in a late judgment, decided that Google should apply the right to be forgotten only in Europe. The decision has generated new debates on the role and applicability of the norms contained in the GDPR.