

December 16

[ICCSI 2019](#)

December 26

[ICCSSG 2019](#)



**Center for Cyber Security and
International Relations Studies**

Cyber Policy, Diplomacy & Legal Framework

- [No progress in UN talks on regulating lethal autonomous weapons](#)

Attempts to regulate lethal autonomous weapon systems (LAWs), often dubbed as “killer robots”, have once again ended in a stalemate as UN talks in November produced few results. Europe, meanwhile, is struggling with its role in the regulation efforts.

- [Eight Norms for Stability in Cyberspace](#)

At last month's Paris Peace Forum, the Global Commission on the Stability of Cyberspace issued its report on how to provide an overarching cyber stability framework. Combined with norms, principles, and confidence-building measures suggested by others, the GCSC's conclusions are an important step forward.

- [India shuts down internet once again, this time in Assam and Meghalaya](#)

India maintained a shutdown of the internet in the states of Assam and Meghalaya on Friday, now into 36 hours, to control protests over a controversial and far-reaching new citizen rule.

- [The State and Technological Revolution](#)

One of the most important lessons from the first Industrial Revolution is that periods of far-reaching technological change require an equally radical transformation of the state. Sadly, too many politicians have clung to the rhetoric of retrenchment instead of embracing what the new technological dispensation has to offer.

- [The priorities of cyber diplomacy in the Rouhani's government](#)

Technological growth and its breakthrough advances, along with their advantages, also have disadvantages, which are obvious examples of communication equipment. In fact, today, the Internet, telephones, cell phones and other communication devices can be described as a double-edged sword used to facilitate communications on the one hand and to spy on and monitor information.



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DSPS
Dipartimento di
Scienze Politiche
e Sociali



Centro interdipartimentale
Studi
Strategici
Internazionali
Imprenditoriali

- [With new focus on China, NATO patches up stormy summit](#)
NATO leaders wrapped up their acrimonious 70th-anniversary meeting in relative harmony on Wednesday (4 December), bridging a series of intense internal divisions and agreeing to focus more on the challenge of China's "growing international influence" and military might.

Cyber Security

- [Iran 'foils second cyber-attack in a week'](#)



Iran has foiled a second cyber-attack in less than a week, the country's telecommunications minister says. Mohammad Javad Azari-Jahromi announced on Twitter that the cyber-attack had targeted Iranian electronic government systems. The minister did not give details. A similar claim was made about Wednesday's "massive" attack.

- [Why do we need a new agreement for the Web](#)

Tim Berners-Lee, the World Wide Web creator, launched the 'Contract for the Web'. Our Center's associated analysed its contents and objectives.

- [Norway's Telenor picks Ericsson for 5G, abandoning Huawei](#)

Telenor has picked Sweden's Ericsson as the key technology provider for its fifth-generation (5G) telecoms network in Norway, it said on Friday, gradually removing China's Huawei [HWT.UL] after a decade of collaboration over 4G.

- [Legislation to protect electric grid from cyberattacks added to massive defense bill](#)

Legislation to protect the nation's electric grid against cyberattacks has been added to the final version of the National Defense Authorization Act (NDAA), which is slated for a House vote Wednesday evening.

- [Security News This Week: 15 Million Iranian Bank Accounts Were Breached](#)

After months of scandals around the security camera Ring and its controversial partnerships with law enforcement, perhaps it was inevitable that the Amazon-owned company would face a far more common sort of scandal for sellers of internet-connected consumer surveillance devices: They can be hacked.

- [New Orleans Declares State Of Emergency Following Cyber Attack](#)

The City of New Orleans has suffered a cybersecurity attack serious enough for Mayor LaToya Cantrell to declare a state of emergency.

Cyber Warfare, Intelligence and Terrorism

- [Why the US should increase cyber pressure against North Korea](#)

A new report offers several recommendations, including cyber and influence campaigns, for maintaining and even ratcheting up pressure on the North Korean regime. The report, released Dec. 13



by the Foundation for Defense of Democracies, explains that the Trump administration must do more to deter and impose costs on the regime of Kim Jong Un.

- [When do cyberattacks deserve a response from NATO?](#)

That question, on so called Article 5 intrusions, has intrigued cybersecurity experts since the organization declared cyberspace a domain of warfare in 2016. But a more immediate question may be how NATO and its member nations confront the daily cyber events that never rise to the threshold of armed attacks.

- [US, Montenegro plot cyber warfare ahead of 2020 elections](#)

Deployed inside the sprawling communist-era army command headquarters in Montenegro's capital, an elite team of U.S. military cyber experts are plotting strategy in a fight against potential Russian and other cyberattacks ahead of the 2020 American and Montenegrin elections.

- [India and Pakistan waging a cyberwar over Kashmir intelligence](#)

India and Pakistan are waging an intensifying cyberwar as their countries try to steal intelligence during their stand-off over Kashmir, experts have said. Cyber security companies have seen a spike in state-backed hacking from both countries targeting each other's officials, military personnel, businesses and state institutions.

- [Russia's Sandworm hacking group heralds new era of cyber warfare](#)

In-depth research on Sandworm shows broad capabilities and scope to disrupt anything from critical infrastructure to political campaigns in any part of the world.

Cyber Opportunities: Economy, Research & Innovation

- [This Alleged Bitcoin Scam Looked a Lot Like a Pyramid Scheme](#)



The world of cryptocurrency has no shortage of imaginary investment products. Fake coins. Fake blockchain services. Fake cryptocurrency exchanges. Now five men behind a company called BitClub Network are accused of a \$722 million scam that allegedly preyed on victims who thought they were investing in a pool of bitcoin mining equipment.

- [Blockchain Developer Gets Busted After Talk in North Korea](#)

The prominent hacker and Ethereum developer Virgil Griffith was arrested by the US government Friday after he spoke at an April conference on blockchain technologies in North Korea. The US government considers his presentation to be a transfer of technology—and therefore a violation of US sanctions.

- [Kepler to launch two batches of nanosatellites aboard SpaceX's Falcon 9](#)

Small-satellite startup Kepler Communications is teaming up with SpaceX to make good on its deployment goals for its first nanosatellite constellation. SpaceX will carry two separate batches of nanosatellites from Kepler aboard its Falcon 9 launch vehicles

- [Crypto Ponzi Scheme; China Dominates Bitcoin Mining](#)

A new report has found that nearly 65% of the bitcoin hashrate originates from China, meaning that China has dominated bitcoin mining more than any other country this year.

- [Quantum computing leaps ahead in 2019 with new power and speed](#)

Quantum computers are getting a lot more real. No, you won't be playing Call of Duty on one anytime soon. But Google, Amazon, Microsoft, Rigetti Computing and IBM all made important advances in 2019 that could help bring computers governed by the weird laws of atomic-scale physics into your life in other ways

Italian Focus

- [5G and security. Why Western countries do not believe in Huawei independence](#)

Huawei has recently published a document 'Huawei's Position Paper on Cyber Security' in order to defend its working from American accusations. Our associate analyses the unclear points.



- [The Italian premier Mr. Conte aims to focus on cybersecurity. The Israeli DeceptiveBytes and TAG-distribution help Italy to face the challenge.](#)

Technology is a central part of our management systems, it is fundamental in the production processes of companies both in the manufacturing arena and the tech arena

- [What still lacks European Defence. An Italian perspective](#)

Italy has the capabilities to play a major role in shaping the European Defence mechanism. However, in order to do so, it will be fundamental to create a new national strategy, based on investments and common objectives.

- [Fake SMS from Italian Postal Service asking to adjourn personal data: how to defend](#)

The Italian Postal Service is warning its users about a new SMS phishing attack; the message asks for personal data in order to continue using the services.

- [ForkBomb attack: what is it, how it works and how to defend](#)

The ForkBomb is a new virus, used by hackers to take over computers and to conduct DoS attack on massive scale. It makes completely unusable keyboard and mouse.

European Focus

- [NATO braces for the new space age](#)



NATO foreign ministers have formally recognised outer space as the fifth military frontier alongside air, land, sea and cyber on Wednesday (20 November), in response to growing concerns over protecting satellite and navigation assets from enemy interference.

- [China's relationships with Greece and Italy are deepening – EU is reaping exactly what it sowed](#)



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DSPS
Dipartimento di
Scienze Politiche
e Sociali



Centro interdipartimentale
Studi
Strategici
Internazionali
Imprenditoriali

The eurozone has emerged from its debt crisis of 2010-18 intact, but at a very high cost to the periphery. Greece's exit from its third bailout in August 2018, the swan song of the crisis, is perceived as successful only from a purely accounting perspective.

- [EU countries fail to agree on privacy rules governing WhatsApp, Skype](#)

EU efforts to create a level playing field between telecoms operators and Facebook's WhatsApp and Microsoft unit Skype stalled on Friday (22 November) after member countries failed to agree on the scope of proposed rules.

- [Europe's dream to claim its 'digital sovereignty' could be the next big challenge for US tech giants](#)

Some European leaders across the 28-member bloc are voicing concerns about the reliance on American and Chinese tech companies for storing data. Chancellor Angela Merkel of Germany said last week that many European companies have outsourced their data to U.S. firms.

- [The Capitals Special: Europe's 5G dilemma](#)

EU ministers adopted conclusions on Tuesday concerning the importance and security of 5G technology, which stress that an approach to 5G cybersecurity should be comprehensive and risk-based, while also taking into account 'non-technical factors'.

- [UK patient health data traded to US firms](#)

Health data belonging to millions of UK National Health Service (NHS) patients has been sold under license to US companies and global pharmaceutical firms, in a move that is likely to inflame tensions between the UK government and privacy campaigners in the run up to the December 12 election.



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DSPS
Dipartimento di
Scienze Politiche
e Sociali



Centro interdipartimentale
Studi
Strategici
Internazionali
Imprenditoriali