

# CONCORDIA

*Cyber security cOmpeteNCe fOr Research and InnovAtion*

## Stakeholders' Newsletter

### Let's rock 2021!

Dear stakeholders,  
We started 2021 with a lot of news from CONCORDIA, Europe, and the whole cybersecurity landscape.

Unfortunately, COVID-19 is still a reality and its impact is present in different domains. However, this is boosting digital transformation like never before as you will see in this newsletter.

Further, we lighten the process to become a CONCORDIA observer! Join now at <https://www.concordia-h2020.eu/my-account/>

Enjoy your reading, and don't hesitate to [provide feedback](#).

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### Threats, Gaps and Challenges in the Era of COVID-19

COVID-19 has changed the way the world operates, the way we communicate, the mode of doing business and the functioning of governments resulting in an increased reliance over digital technologies and remote working. We, as member of the CONCORDIA project, have analyzed how COVID-19 is impacting the current cyberdomains studied in the project, from device/IoT to user, via network, system, data, and application domains.

Read the report at:

<https://www.concordia-h2020.eu/blog-post/emerging-digital-identity-models-and-their-impact-on-user-centric-security/>

### Securing Electric Mobility Charging Networks

Related with CONCORDIA Transport E-Mobility Sector, CRF and EFACEC are working together on a pilot project focused on the Security of the e-Charging Infrastructure.

Nowadays due urgent needs for climate and energy frameworks for GHG emissions, the increase the Electric mobility charging networks availability and security it's a real need for the future.

Read more at:

<https://www.concordia-h2020.eu/blog-post/securing-electric-mobility-charging-networks/>



### Women in Science, ICT and Cybersecurity

In 2015, 17 goals were adopted by the United Nations (UN) member states as a part of the 2030 Agenda for Sustainable Development Goals (SDGs) to cover the 15-year plan. Achieving gender equality and empower all women and girls is goal number 5 in the beforementioned agenda.[1] Over the past 15 years, the world community has worked hard to inspire and involve women and girls in science. Nevertheless, worldwide, women and girls are still underrepresented.

Read more at:

<https://www.concordia-h2020.eu/blog-post/women-in-science-ict-and-cybersecurity/>

### DDoS Clearing House has been selected for the EC's Innovation Radar

<https://www.innoradar.eu/innovation/37921>

### CONCORDIA Start-up Community: Where do we find the greatest hits of EU cybersecurity new wave?

We are getting closer and closer to accomplish the objective of pooling Europe's Cybersecurity expertise and implementing European Cybersecurity Competence Centre and Network. The new structure described in the legislative proposal would support all types of cybersecurity stakeholders, but there should be a special attention for start-ups. Nature of cybersecurity market is sometimes kind for start-ups. Sometimes it is not.

Read more at:

<https://www.concordia-h2020.eu/blog-post/concordia-start-up-community-where-do-we-find-the-greatest-hits-of-eu-cybersecurity-new-wave/>

### A new method to detect exploitable smart-home devices connected behind a NAT

Instead of relying on customers to protect their vulnerable smart home devices from being used in cyberattacks, Ben-Gurion University of the Negev (BGU) researchers who participate in CONCORDIA have developed a new method that enables telecommunications and internet service providers to monitor these devices.

Read more at:

<https://www.concordia-h2020.eu/blog-post/a-new-method-to-detect-exploitable-smart-home-devices-connected-behind-a-nat/>



### Smart Home and remote health services

Health services in the European Economic Area (EEA) address many stakeholder. A huge IT-system is need in different institution, like at the family doctor's office, at the pharmacist, at the insurance organization, at the hospitals and for a broad range of emergency service provider. Round 1.5 trillion € are in rotation in this service domain, every calendar year in the EEA.

Read more at:

<https://www.concordia-h2020.eu/blog-post/smart-home-and-remote-health-services/>

### A novel Cybersecurity Maturity Assessment Framework (CMAF)

As organizations, and especially Critical National Infrastructures (CNI), are becoming more vulnerable to cyberattacks, their protection becomes essential and a lifecycle model of prediction, protection, detection and reaction is considered necessary.

Read more at:

<https://www.concordia-h2020.eu/blog-post/a-novel-cybersecurity-maturity-assessment-framework-cmaf/>

### Cybersecurity of connected devices – Council adopts conclusions

The European Commission announced that it had adopted a legislative proposal for the upcoming European partnership on Smart Networks and Services (SNS) towards 6G. Operators in 23 EU Member States have already introduced commercial 5G networks in key cities and the existing 5G infrastructure will play an important role in providing a starting point for 6G technologies in the EU.



6G systems are expected to facilitate the transition from Gigabit to Terabit capacities and sub-millisecond response times.

What does this mean for you?

The COVID-19 pandemic has certainly highlighted the importance of resilient and high-speed communications infrastructure for individuals as well as businesses. Moreover, it has also enhanced society's trust and acceptance of connectivity infrastructure. In the long run, the shift to 6G is projected to expedite digital transformation and to act as an enabler for digital and green recovery.

Read the press release at:

<https://ec.europa.eu/digital-single-market/en/blogposts/europe-moves-towards-6g>

### EC announces new 5G certification scheme to be developed by EU cybersecurity agency

In a welcome step to certify 5G networks and address risks related to technical vulnerabilities of mobile networks and enhance cybersecurity, the European Commission has assigned the European Union Agency for Cybersecurity (ENISA) to design EU's cybersecurity certification scheme for 5G networks. Commenting on the development, an Executive Director at ENISA said "The certification of 5G networks emerges as the logical next step in the EU cybersecurity strategy for the Digital Decade. The new initiative builds on the actions already engaged in to mitigate the cybersecurity risks of the 5G technology." The Cybersecurity Act, which establishes the European cybersecurity certification framework forms the legal backbone behind the development of this scheme.

Read the press release at:

<https://ec.europa.eu/digital-single-market/en/news/cybersecurity-5g-networks-commission-requests-eu-cybersecurity-agency-develop-certification>



## Suggested Articles from European Institutions



### ENISA publishes report on cloud security for healthcare services

The European Union Agency for Cybersecurity (ENISA) published a report that lays out cybersecurity guidelines for healthcare organisations to enable them to further digitalise using cloud services. Building on last years procurement guidelines published by ENISA, the new report identifies the various cybersecurity risks pertaining to cloud services and provides best practices for their secure implementation to the healthcare sector.

Read the press release at:

<https://ec.europa.eu/digital-single-market/en/news/study-cloud-security-healthcare-services>

### European Commission proposes new rules for digital platforms

On 15th December 2020, the European Commission published its much-anticipated digital regulation proposals, the Digital Services Act and the Digital Markets Act. If adopted, the new proposals will be applicable to all digital services including online marketplaces, social media platforms and other online platforms. The Digital Services Act aims at creating binding EU-wide obligations to all digital services that connect consumers to products, services or even content and ultimately to strike a balance between the rights and responsibilities users, intermediary platforms, and public authorities. On the other hand, the Digital Market Act strives to address the negative consequences resulting from certain behaviours by platforms that act as digital "gatekeepers" to the single market and create bottlenecks between businesses and consumers.

#### What does this mean for you?

The new rules proposed by the Commission, if adopted, will better safeguard consumers and their fundamental rights online. The rules are expected to create a safer online experience for individuals by countering illegal content and by also reducing their exposure to illegal activities and dangerous goods being sold online. The Digital Market Act will prevent organisations of a certain size from becoming private rule-makers thereby stifling innovation and healthy competition.

Read the press release at:

[https://ec.europa.eu/commission/presscorner/detail/en/ip\\_20\\_2347](https://ec.europa.eu/commission/presscorner/detail/en/ip_20_2347)

### TUCCR is officially opened!

The official opening of Twente University of Cybersecurity Research (TUCCR) took place on Friday, March 5, 2021. During a live broadcast, all partners signed a letter of intent, opening the Cybersecurity Research Centre.

Read more at: <https://www.utwente.nl/en/digital-society/research/themes/TUCCR/events/>



### Hacker breach security cameras, access live feeds at jails and hospitals

On Wednesday, a group of hackers claimed that they broke into the systems of Silicon Valley startup Verkada and were able to access live video feeds from over 150,000 surveillance cameras that the company was managing. The hackers shared images and videos taken from schools, hospitals, companies, jails, police departments, warehouses and the like. It was stated that the hackers accessed the systems after Verkada accidentally exposed an unprotected internal development system on the internet. In response to the hack, the company confirmed that it was investigating the incident and had "disabled all internal administrator accounts to prevent any unauthorized access."

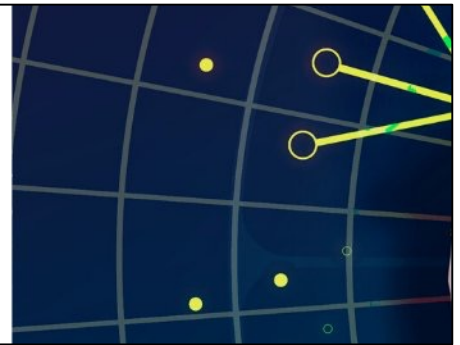
Read more at:  
<https://arstechnica.com/information-technology/2021/03/hackers-access-security-cameras-inside-cloudflare-jails-and-hospitals/>

### European Commission states it is 'no longer acceptable' for platforms to take key decisions alone

Following the suspension of US President Donald Trump's accounts on Twitter and Facebook, the European Commission emphasised on the role of freedom of expression and how it was "no longer acceptable" for social media behemoths to independently dictate the removal of accounts on their platforms. It was further stated that by doing so, the said companies demonstrated that they "they yield a disproportionate degree of power over the freedom of speech online." In the same context, a Member of the European Parliament stated "For years these platforms profited from the large-scale spread of misinformation and hate, leading to the attack on the Capitol...We need to take power over our freedom of expression out of the hands of private companies, and put it back in the hands of democratic institutions."

Read more at:  
<https://www.euractiv.com/section/digital/news/no-longer-acceptable-for-platforms-to-take-key-decisions-alone-eu-commission-says/>

# Become a part of the CONCORDIA Observer Stakeholders Group!



We launched registrations to the CONCORDIA Observer Stakeholders Group! What does that mean? Once you register, you will never miss an invitation to our events, workshops, or other meetings relevant to the EU cybersecurity community.

More info at:

<https://www.concordia-h2020.eu/news/cybersecurity-in-high-school-a-survey/>

Join now at:

<https://www.concordia-h2020.eu/observers-stakeholder-group-osg-registration/>

**CYBERSECURITY  
IN HIGH-SCHOOL  
SURVEY  
FROM CONCORDIA  
AVAILABLE NOW  
IN 7 LANGUAGES!**

Within CONCORDIA project, we aim to work out and suggest high-school teachers teaching methodologies and associated materials to utilize when discussing cybersecurity and cyber-safety with their pupils. In view of understanding the real needs in terms of topics and type of materials we have developed a survey and launched the English version in December 2020. In order to make our survey more accessible, we translated it into six languages. It is now available also in German, Spanish, French, Italian, Greek and Dutch.

More info at:

<https://www.concordia-h2020.eu/news/cybersecurity-in-high-school-a-survey/>



## Next Events

*COMING in OCTOBER...*

### CONCORDIA OPEN DOOR 2021

STAY TUNED!

Previous edition: <https://opendoor.concordia-h2020.eu/2020/>

#### IEEE EURO S&P 2021 - conference

Online – September 6-10, 2021

<http://www.ieee-security.org/TC/EuroSP2021/>

#### Secure and Reliable Communication and Navigation in the Aerospace Domain - Workshop

Online – September 6-10, 2021

<https://concordia-h2020.eu/workshop-SRCNAS-2021/>

SUBMISSION DEADLINE: May 21, 2021

#### IEEE S&P 2021 - conference

Online – May 23-27, 2021

<https://www.ieee-security.org/TC/SP2021/>

#### WTMC 2021 - workshop

Co-located with IEEE S&P – 27 May 2021

<https://wtmc.info/index.html>

#### USENIX 2021 - conference

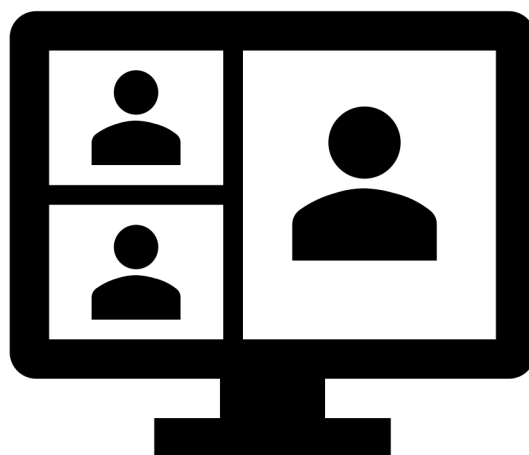
Vancouver, B.C., Canada – 7 to 11 June 2021

<https://www.usenix.org/conference/usenixsecurity21>

#### StandICT.eu Open Call #3

<http://www.standict.eu/standicteu-2023-3rd-open-call>

DEADLINE: May 18, 2021



*SAVE THE DATE: APRILE 21, 2021 (13:00 to 15:00 CET)*

### KYPO Cyber Range Platform 101

This webinar will cover the essentials of the KYPO Cyber Range Platform. In two talks we will explain how to deploy the platform and how to create simple cybersecurity training.

More cybersecurity research and innovation updates are available through CONCORDIA services <https://www.concordia-h2020.eu/concordia-service-catalog/> including the Pan-European Cybersecurity Start-Up Community (PECS-UP) newsletter.



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