



BARCELONA
CYBERSECURITY
CONGRESS

REPORT 2023

THE PATH TO SECURITY



Fira Barcelona



Facts & Figures

The fourth edition of the Barcelona Cybersecurity Congress, organized by Fira de Barcelona and the Agència de Ciberseguretat de Catalunya, highlighted the importance of cybersecurity as one of the most critical challenges facing an increasingly digitalized world. The BCC23 featured companies such as Cloudflare, Fortinet, Knowbe4, ManageEngine, S21sec, SentinelOne and Telefónica Tech. In addition, the event organized a Hacking Village with workshops and activities, including various competitions.

15,600 +

VISITORS (Joint Exhibit Hall with IOTSWC)

100 +

Visitors' countries

60

SPEAKERS

30

SESSIONS



Profiles

54%

DECISION MAKERS

TOP TEN COUNTRIES

Spain
Mexico
Germany
France
Italy
Belgium
Israel
United Kingdom
Portugal
Andorra

DEPARTMENTS



MAIN AIM OF ATTENDING



Highlighted Sessions



Parallel Session:
Advanced Cybersecurity Architectures to Protect Against Advanced Threat Actors

Organizer:
FORTINET

Speakers:



Joan Ruiz
Manager Systems Engineering
Fortinet

Parallel Session:
Security Culture: making cybersecurity an active part of your organization

Having a successful security posture is more easily said than done. It takes a well-designed strategy for a host of multi-faceted parameters to come together to truly bring security to an organization. Security Culture, being the ideas, customs, and social behaviors of an organization that influence security, is a powerful tool to help nurture and sustain that which keeps your organization safe. In this session, we heard from industry expert Jelle Wieringa about how to use security culture to our advantage.

Speakers:



Jelle Wieringa
Security Awareness Advocate
Knowbe4

Parallel Session: Models, Risks, and Mitigations

IIoT is being adopted very rapidly in the industrial environment due to the implementation of Industry 4.0. Like the adoption of Ethernet within industrial facilities, IIoT offers many advantages, but if poorly implemented, it also brings many security issues associated with it. Just as there is a reference model for typical industrial network architectures, there is also a model for IIoT. The IIoT presents new risks to the industrial environment, stemming from its new communication paths and reliance on the Internet for cloud services. New cybersecurity solutions and strategies must be implemented to address these risks.

Speakers:



Jairo Alonso Ortiz
Team Leader IACS
S21Sec

Parallel Session: Cybersecurity and IoT - The worst of both worlds How do we help non-security professionals secure their smart buildings?

The talk covered the adoption of IIoT within the smart built environment, the cybersecurity challenges it brings, and how we address the knowledge/skills gaps.

Speakers:



Sarb Sembhi
CTO **Virtually Informed**

Parallel Session: Cybersecurity and digital transformation in the industry: two inseparable travel companions

Nowadays, no sector of the economy is not deeply involved in digital transformation projects. In the particular case of the industry, there is a common pattern in these projects: the need to connect and, consequently, expose business assets that have traditionally been isolated and that perform critical functions (e.g. automation cells, electrical substations, pumping stations, robots...), which makes cybersecurity more relevant. In this keynote, Telefonica Tech shared their experiences helping their clients navigate the digitization process while successfully managing cybersecurity risk.

Speakers:



Vicente Segura Gualde
Head of OT&IoT Security
Telefonica Tech

Plenary Session: Understanding risk: supply chain transparency and SBOM

Why do we expect transparency from food but not from the ingredients integrating the OT? With this provocative question, Allan Friedmann made it clear that organizations should care about the quality of the software they use. And this is where SBOM comes into play. A Software Bill of Materials (SBOM) is a nested inventory, a list of ingredients that make up software components. And it's beginning to play a big part in the industry as it enables organizations to think about the risks they care about.

Speakers:



Allan Friedman
Senior Advisor and Strategist
CISA

Parallel Session: How to calculate the cost savings in a SIEM implementation

Cybersecurity is often perceived as expensive, but this perception can change if we analyze the benefits of a SIEM implementation. During the session we discussed:

- The reasons to measure cost savings for a SIEM deployment.
- Ways to quantify the benefits of a SIEM solution.
- Three perspectives of cost savings: compliance reporting, operational efficiency, and breach impact mitigation.
- How to calculate cost savings for a SIEM deployment using an example.

Speakers:



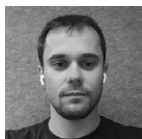
Luis Pedroche Montes
Business Development Manager **IREO Soluciones y Servicios**



Parallel Session: Protecting Critical Infrastructure Against Ransom DDoS Attacks

A deep-dive of what's happening on the Internet here and now, with a focus on the latest Distributed-Denial-of-Service, or DDoS, attack threat landscape – and how they target critical infrastructure. We covered DDoS attack trends we see from the unique vantage point of the Cloudflare global network, review Ransom DDoS attacks that targeted an energy provider, and review their lessons learned to guide the audience on the steps they can take to defend their critical infrastructure assets.

Speakers:



Sergio Maeso Jiménez
Solutions Engineer
Cloudflare



Omer Yoachimik
Product Manager for
DDoS & Network
Analytics
Cloudflare

Parallel Session: The Challenges and Considerations of Preparing IoT for PQ

When it comes to improving cybersecurity, IoT has been of particular focus with mandates and regulations popping up at federal, state, and industry levels. If those weren't challenging enough to navigate, there's also the inevitable threat of post quantum. When a quantum computer is realized that can break traditional cryptography in use today, organizations need to be ready – and that preparation will take several years. During this session we heard about some of the challenges that have arisen with IoT regulations, IoT security, and the impact post quantum will have in this place.

Speakers:



Robert Hann
VP Sales Global Entrust
Godalming



Robert Dobson
Vice President, Technology Partners
Device Authority

Panel Discussion: What do managers and board members need to know about cybersecurity?

In this roundtable, organized by Women4Cyber Spain, we counted on the presence of referents from different industries and profiles to benefit from their experiences on the main questions that Board directors and company executives should ask themselves about cybersecurity in their organisations. Security is fundamental to business and therefore, it should be a topic addressed by executives on the Boards of all organisations regardless of size and sector. In this conversation, we shared some thoughts on the day-to-day business security risks and challenges we face to ensure business continuity.

Speakers:



Maria Angeles de Dios
Global Chief Risk Officer
Amadeus



Olga Forné
Global CISO,
Abertis Group



Eduvigis Ortiz Moronta
Founder & President
Women4Cyber



Toni García Estopa
CISO, Digital Transformation, CIO and Board Member
LETI Pharma

Parallel Session: From EDR to XDR

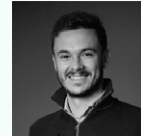
How to effectively transition from an endpoint centric approach to a data platform?

Experts from SentinelOne gave us useful insights to help us navigate through this transition.

Speakers:



Jan Tietze
Director of Security
Strategy Europe,
SentinelOne



Carlos Payés
Solution Engineer
SentinelOne

Panel Discussion : Cybersecurity Strategies of various European governments

In this panel we heard from high-level speakers representing different European Governments, how they apply their cybersecurity strategies.

Speakers:



Joanna Swiatkowska
COO ECSO, **European
Cyber Security
Organisation**



Oriol Torruella
Director, Compliance
Area **Cybersecurity
Agency of Catalonia**



Matteo Lucchetti
Director, **National
Cyber Security
Competence Center.
Italy**



Sarah Putscher
Policy Officer for Foreign
Affairs, **Ministry
of the Interior,
Digitalisation, and
Local Governments
Baden-Württemberg**

Activities

Hacking Village

The Barcelona Cybersecurity Congress Hacking Village is a place for cybersecurity experts to come together to practice cybersecurity skills and learn new ones in an inspiring and interactive environment.

The ideal scenario to level up your skills in practical workshops, play CTF's, explore hacking activities, network with your peers, and enjoy our hot cybersecurity debates. It was undoubtedly the busiest and most lively area of the event. The way to discover the world of cybersecurity from a fresh new dimension!



Analyzing 2022 attack trends from a defense perspective.

Cyber attackers are increasingly employing different techniques to achieve their goals. In this talk we intend to analyze the trends of the year 2022 with respect to attack vectors and review which defenses to propose.

Speaker:

Tommaso Pegoraro
Cybersecurity Specialist
pwc

Immersive Hacking with ReconVR

Remote working has resulted in reduced workspaces compared to offices, and social interactions in the work environment have been modified. With virtual reality, it is possible to create unlimited spaces with which to share information among colleagues in a friendly way.

Speaker:

Martina Matarí
Head of Offensive Security Services
Telefonica.Tech

Towards a Barcelona-based Information Security Community

This talk shared the story behind the born and growth of the BCNCybersecurity community and BSidesBCN event, our mission and vision, its present and future, in the hope to involve more people to join us to create a thriving and exciting environment where we can grow together by sharing knowledge and experiences.

Speaker:

Davide Barbato
Security Enthusiast
BSides Barcelona

How to adopt a Zero Trust security strategy in a complex and large IT legacy environment

Speakers:

Marc Arderius
Zero Trust strategies & Identity Access Management Specialist
EY

Fabi Paez
Cyber Threat Intelligence Specialist
EY

Attracting and Retaining Talent in the Cybersecurity Market

One of the main challenges in the cybersecurity sector is the recruitment and retention of technological talent.

Speakers:

Angela Lalatta
Head of the DCA Cybersecurity Community
DCA

César López
President at **Good Job Foundation**

Joan Figueras
President at **ISACA Chapter Barcelona**

Marina Jiménez
Talent Manager
Ackcent Cybersecurity

Manel Medina
Director of the Master, Cybersecurity Management at **UPC School**

Tomàs Moré
RSI - Cybersecurity Culture Service.
Cybersecurity Innovation and Competence Center at **Cybersecurity Agency of Catalonia**

Girls Power: Challenges and Triumphs of Women in Cyber

It's 2023 and the cybersecurity industry is still lacking a significant presence of female experts and leaders. The advantages of a diverse workforce have been discussed and agreed upon for years, yet it seems that the progress made to get us there is slow. In this chat, we discussed what efforts are being made to address

this issue, what additional measures can be taken to expedite results, and what other challenges still need to be tackled. Participants shared their journey, valuable lessons learned and addressed the topic of why it is crucial to attract and support women leadership in the cybersecurity industry.



ECSO cyberinvestors day

The Catalan Cybersecurity Agency, in collaboration with the National Cybersecurity Institute (INCIBE) - the organization responsible for cybersecurity in Spain -, the European Cybersecurity Organization (ECSO) and the Women4Cybe Foundation, promoted the **Cyber Investors Day**, a cybersecurity business event designed to covering the different phases of investment, from early stage to strategic investment, mergers and acquisitions, as well as providing exposure to potential customers and business partners.

The 10 nominees presented their innovative solution to a European jury and had the unique opportunity to present to high-level investors, executives, and cybersecurity experts.

From these 10 nominees, two companies were selected to defend their project at the final of the European Cybersecurity STARTup Awards 2023 organized by ECSO, the European Cybersecurity Organization.

Selected companies:

- Build38
- OutKept

Partners

OFFICIAL PARTNER



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PROGRAM DIRECTION



HACKING VILLAGE



AMBASSADORS



Thank You!

We would like to thank our partners and sponsors for supporting us and showing their trust in this edition of the event. Many thanks also to the Àgencia Catalana of Ciberseguretat and ISA for their cooperation and efforts to attain the levels of excellence that have characterized our show.

We hope to see you again in 2024.

Come join us!

21 – 23 MAY 2024

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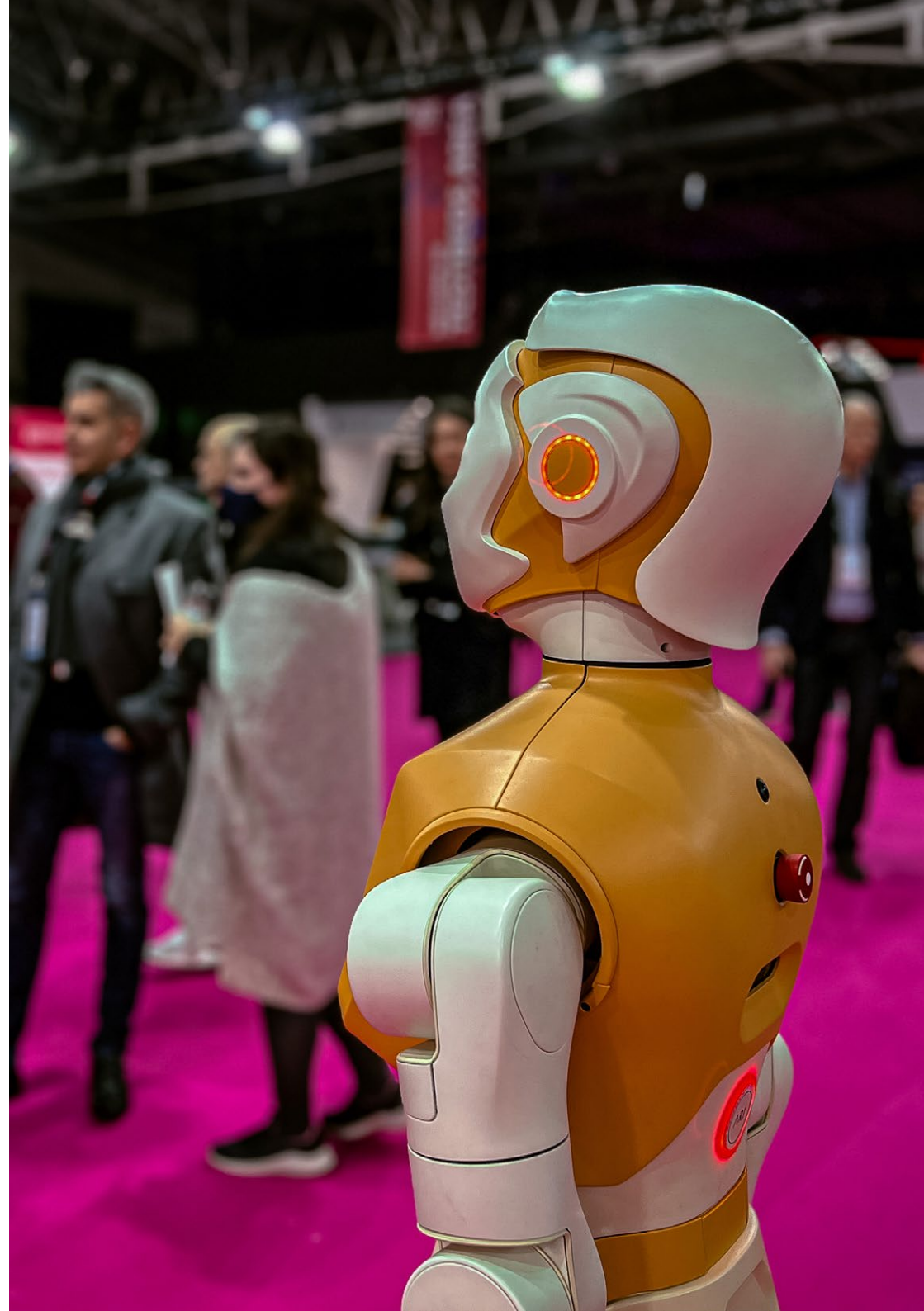
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FOR MORE INFORMATION

www.barcelonacybersecuritycongress.com/





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SAVE THE DATE

21 – 23 MAY 2024