# GLOBAL FORUM ON
# DIGITAL SECURITY
# FOR PROSPERITY

# Agenda
*Second annual event*

Encouraging
Digital Security
Innovation

## London
14-15 NOVEMBER 2019

## OECD
BETTER POLICIES FOR BETTER LIVES

# ENCOURAGING DIGITAL SECURITY INNOVATION

**14-15 November 2019 – Plexal, Here East, London, United Kingdom**

## https://oe.cd/gfdsp

## The OECD Global Forum on Digital Security for Prosperity

- Aims to consolidate a global network of experts and policy makers;
- Facilitates regular sharing of experiences and good practice on digital security risk and its management, mutual learning and convergence of views on core thematic issues;
- Is an international multilateral, multi-stakeholder and multidisciplinary setting for all communities of experts to meet, network and influence digital security public policy making;

The Inaugural Event of the Global Forum took place in December 2018 and focused on "Roles and responsibilities of actors: governance of digital security in organisations, and security of digital technologies". The report can be found at https://oe.cd/gfdsp.

## Purpose of the event

Innovation is a key driver of digital transformation, fostering job creation and growth. However, malicious actors are also increasingly innovative, engaged in a race for new ways to launch digital security attacks against businesses, governments and individuals. To win this head to head race against malicious players, the market should provide more innovative digital security tools. Innovative digital products, including IoT and AI-enabled devices, should also be designed with enhanced security from the outset ("digital security by design").

The second annual event of the OECD Global Forum on Digital Security for Prosperity will explore how public policy can best support digital security innovation and in particular:

- Foster successful innovation ecosystems for digital security start-ups to flourish and the digital security industry to grow;
- Encourage entrepreneurs to take digital security into account from the outset in their increasingly digital-intensive and digital-dependent products, without creating unnecessary burdens for them.

The event will facilitate dialogue and exchange of good practice between all actors involved in digital innovation and digital security, feeding into OECD work, and potentially leading to analytical work, principles and international policy recommendations.

## Who will participate?

Key stakeholders from governments, businesses, civil society, and academia involved in digital innovation and digital security, including:

- Public policy makers in OECD member and non-member countries, from digital security and innovation agencies, ministries of economic development, higher education and research, and sectoral regulators.
- Digital security entrepreneurs, innovators, and experts;
- Investors, venture capital firms, angel investors as well as insurance, certification companies and other interested businesses;
- Digital security accelerators, incubators, hubs;
- Other experts and actors involved in digital security innovation.

## Contact

This is an invitation-only event.
For more information, please contact: OECD Secretariat – digitalsecurity@oecd.org

# AGENDA

## DAY 1: Thursday, 14 November 2019

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| 9:00 | Registration |
| 9:30 | Welcome remarks |

- Andrew Wyckoff, Director for Science, Technology and Innovation, OECD
- Saj Huq, Director, London Office for Rapid Cybersecurity Advancement (LORCA)

Keynotes

- Guillaume Poupard, Director General, French Cybersecurity Agency, ANSSI, France
- Ciaran Martin, Chief Executive Officer, National Cyber Security Centre (NCSC), United Kingdom

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| **10:30** | **Coffee Break (30mn)** |

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| **11:00** | **Session 1 - Strategic Initiatives for Digital Security Innovation** |

What are the most important national and international initiatives being spearheaded by Governments? What are the main challenges and the most important lessons learned?

An increasing number of governments and stakeholders are adopting a strategic approach to foster a thriving, innovative, digital security industry. Speakers will share their current vision and strategic initiatives to spur digital security innovation.

**Format:** Panel discussion including presentations of initiatives and dialogue with the audience.

**Moderator:** Andrew Wyckoff, Director for Science, Technology and Innovation, OECD

**Speakers***:*

- Guillaume Poupard, Director General, French Cybersecurity Agency, ANSSI, France
- Prerana Mehta, Chief of Ecosystem Development, AustCyber, Australia
- Refael Franco, Deputy Director General, Robustness, Israeli National Cyber Directorate (INCD)
- Ioannis Askoxylakis, Cybersecurity Officer, European Commission
- Chris Ensor, Deputy Director for Cyber Skills and Growth, National Cyber Security Centre (NCSC), United Kingdom

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| **12:30** | **Lunch break** |

What are the opportunities and challenges to foster digital security innovation? How can demand and supply-side policies and initiatives stimulate digital security innovation and help develop a vibrant digital security industry?

**Format:** This session will be interactive and will be divided in two panels including a 30min break. Discussants and all participants will debate on the above key issues.

**Moderators:**

- Phil Budden, Senior Lecturer, MIT Sloan School of Management

- Katie Stebbins, President, Global Epic, Vice President of Economic Development, University of Massachusetts

**Panel 1 - Supply side issues and challenges (14:00 – 15:30)**

- How can entrepreneurs gain access to capital and make the best use of skills?
- How can they gain access to and use data to enhance digital security innovation?
- How can sustainable interlinkages be built between stakeholders such as academia, industry, governments, entrepreneurs and financial actors to boost digital security innovation?

**Panel 2 - Demand side issues and challenges (16:00 – 17:30)**

- What policies are most likely to increase demand for innovative digital security products and services?
- How can start-ups best market their products and overcome the information asymmetries that limit demand and competitiveness for new security products?

**Cross-cutting questions:**

- What is the role of government, business, civil society, the technical community, academia, and actors such as accelerators?
- Aside from market-driven innovation, what role does open source innovation play in this area?
- In what ways do co-operation, partnerships and information exchange facilitate digital security innovation?

**Discussants:**

- Entrepreneurs

  - Rayna Stamboliyska, VP Governance and Public Affairs, Yes We Hack, France

  - Tyler Sweatt, Head of Special Projects, Calypso AI, United States

  - Elissa Shevinsky, CEO, Faster Than Light

- Venture Capital

  - Kenneth Pentimonti, Principal, Paladin Capital Group

  - Naama Ben Dov, Analyst, YL Ventures

  - Niloofar Razi Howe, Senior Operating Partner, Energy Impact Partners

- Key industry representatives

  - Sebastien Rummelhardt, Head of Digital Security Red and Blue Team Department, Airbus

- Governments, accelerators & hubs, and other initiatives

  - Josh Waite, Innovation & Workforce, Atlantic Canada Opportunities Agency (ACOA), Canada

  - Ko Ozaki, Deputy Director, Cybersecurity Division, Ministry of Economy, Trade and Industry (METI), Japan

  - Ben Brabyn, Head, Level39

- o Grace Cassy, Co-founder, Cylon

- o Florent Kirchner, Strategic Director, SPARTA

- o Joe Allen, Managing Director, Energia Ventures

- Civil society and academia

  - o Civil society (tbc)

  - o Godfrey Gaston, Director, Centre for Secure Information Technologies, Queens University Belfast

**17:30**      **End of Day 1 - Reception**

## DAY 2: Friday, 15 November 2019

| 9:00 | Session 3 – International Co-operation to Enhance Digital Security Innovation |
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How can stakeholders best work together and co-operate across-border to enhance digital security innovation?

While innovation increasingly occurs across borders, national innovation policy initiatives often have a territorial development dimension. Speakers will discuss how different stakeholders in different countries and regions can work together in this area.

**Format:** Discussion between panellists and with the audience.

**Moderator**: András Hlács, Vice-Chair, OECD Committee on Digital Economy Policy (CDEP)

**Speakers and panellists**:

- Matthew Travis, Deputy Director, Cybersecurity and Infrastructure Security Agency (CISA), United States

- Roni Zehavi, CEO, RonTali Cyber Projects, Co-founder and Former CEO, Cyberspark

- Florent Kirchner, Head of Laboratory at CEA (Commissariat à l'énergie atomique et aux énergies alternatives), Board Member of ECSO (European Cyber Security Organisation)

- Katie Stebbins, President, Global Epic, Vice President of Economic Development, University of Massachusetts

| 10:00 | Coffee Break |
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| 10:30 | Session 4 – Fostering Security by Design in Digital Innovation |
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How can all startups (beyond security ones) better take digital security into account from the outset in the development of innovative digital products?

Start-ups usually value time-to-market, usability and cost-effectiveness over security. They "build first, patch later" because the market rewards the "first mover advantage" behaviour. As a result, many apps and IoT devices lack basic security features. However, with digital transformation, most products and sectors become digital intensive and dependent, and digital security incidents can have nation-wide economic consequences or affect safety.

Speakers will discuss how entrepreneurs, accelerators and investors approach security: as a minor detail, sunken cost, or increasingly important trust feature? How can policies and industry standards help to mainstream security-by-design in the start-up and digital innovation ecosystem, without creating unnecessary burdens? How could digital security become a differentiating factor on the market for innovative products?

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**Format:** Discussion among panellists and with the audience.

**Moderator:** John Banghart, Senior Director, Center for Cybersecurity Policy and Law

**Speakers and panellists:**

- Roi Yarom, Director for Economy and Growth, Israeli National Cyber Directorate (INCD)

- Javier Diéguez, Director, Basque Cybersecurity Centre

- Reiko Kondo, Director of the Office of the Director-General for Cybersecurity, Ministry of Internal Affairs and Communications (MIC), Japan

- John Chapman, Chief Information Security Officer, Dell UK Public Sector

- Chris Gibson, Executive Director, Forum of Incident Response and Security Teams (FIRST)

- Melody Patry, Advocacy Director, Access Now

| 12:00 | Conclusion |
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**Moderator:** Audrey Plonk, Head of the Digital Economy Policy Division, OECD

Moderators will be invited to share a brief summary of their respective sessions and discuss with the audience potential areas for future work.

| 12:45 | End of the event |
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