Roles and Responsibilities of Actors

GOVERNANCE OF DIGITAL SECURITY IN ORGANISATIONS AND SECURITY OF DIGITAL TECHNOLOGIES

BIO-BOOK

Inaugural Event

13-14 December 2018

OECD Conference Centre, Paris, France

Global Forum Web Site:
oe.cd/gfdsp

Chair of the Inaugural Event

Jørgen Abild Andersen

Former Chair of the OECD Committee on Digital Economy Policy (CDEP)

Jørgen Abild Andersen served as chair of OECD's Committee on Digital Economy Policy (CDEP) from 2010 to 2017. In the committee he represented the Danish Ministry of Business and Growth.

From 1991 to 2012 Mr Abild Andersen served as Director General of the National IT and Telecom Agency thus being the national telecom regulator in Denmark. Mr. Abild Andersen chaired the EU Commission's Radio Spectrum Policy Group (RSPG) 2003-2004 and the EU Commission's European Regulators Group (ERG) in 2005. In 2013 Mr. Abild Andersen was a member of ICANN's Accountability and Transparency Review Team 2 (ATRT 2). In 2013 he founded Abild Andersen Consulting.

Mr. Abild Andersen started his career as a civil servant in the Danish Ministry of Transport and for a three year period he served as the minister's principal private secretary. Mr Abild Andersen gained a Masters of Law from the University of Copenhagen in 1975.

DAY 1: Thursday 13 December 2018

Welcome Remarks

Guillaume Poupard

Director General
National Cybersecurity Agency (ANSSI), French

Dr. Guillaume Poupard graduated from École polytechnique, class of '92. Having completed a research degree in armament engineering, he started as a PhD candidate in cryptography under the supervision of Jacques Stern at the École normale supérieure in Paris, and became doctor in 2000. He also holds a university diploma in psychology.

He began his career as a cryptography expert and later became head of the cryptography laboratory at the Central Network and Information Security Directorate (Direction centrale de la sécurité des systèmes d'information – DCSSI) which formed in 2009 the basis of the new National Cybersecurity Agency of France (Agence nationale de la sécurité des systèmes d'information – ANSSI).

In 2006, he joined the Ministry of Defence, continuing in the field of government cryptography and progressively moved to cybersecurity. In November 2010, he was appointed Head of the Cybersecurity Division within the Technical Branch of the National Defence Procurement Agency (Direction générale de l'armement – DGA), responsible for expertise and technology policy in the field of cybersecurity. On 27 March 2014, he was appointed Director General of the National Cybersecurity Agency of France. He is married with three children.

PART I: DIGITAL SECURITY RISK GOVERNANCE IN ORGANISATIONS

Session 1 - Changing the Culture at the Top and Breaking Corporate Silos

Jeremy Millard

Moderator

Senior Consultant
Danish Technological Institute, Denmark

Jeremy Millard is Senior Consultant at the Danish Technological Institute, Senior Research Fellow at Brunel University Business School in London and runs his own specialist consultancy, Third Millennium Governance, focusing on digital transformation issues. He has 40 years' global experience working with governments, the private sector, development agencies and civil society. He also works with the EC, the UN, the OECD and the World Bank. His current assignments focus on the governance, socio-economic and organizational consequences, across all sectors, arising from and/or driving new technologies, in particular in the context of the 4th Industrial Revolution. For example, examining the impact of artificial intelligence and big open data on government, the private sector and the workplace, including balancing security, privacy and transparency. Jeremy is currently advising and working with the EC on digital transformation, with the UN on digital governance and services for both businesses and citizens, and with the World Bank on smart cities.

Pascal Andrei

Chief Security Officer
Airbus

Pascal Andrei holds a PhD in Competitive Intelligence & Security from Paris University after receiving his Mathematics and Physics masters. He has started his carrier at Aerospatiale in 1992 as head of Competitive Intelligence before leading e-business activities in Munich for EADS headquarters. He created and has been leading the Aircraft Security within Airbus Engineering for the last 15 years, covering both cybersecurity and physical security items (incl. industrial environment security) and was the Chief Product Security Officer and Executive Expert across all Divisions and all products (including aircraft, helicopters, satellites, launchers among others). He is currently Airbus SVP Chief Security Officer, leading all Security activities for Airbus worldwide. He plays a very active role in the international cooperative efforts to guarantee the overall (physical and cyber) security of the commercial aviation infrastructure. For this contribution, he has been nominated personality of the year in 2015 by the Air Transportation System Security community in Dubai. He is a reservist at French Gendarmerie (GIGN) and was decorated knight of the Legion d'Honneur in 2017.

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Sebastian Bregning

Senior Risk Manager
A.P. Møller – Mærsk

Sebastian Bregning has several years of experience within risk management, in various leadership positions in which he worked on portfolio management, risks mitigation, compliance, underwriting and claims handling.
Since 2013 he has been the Head of Captive Operations and Risk Analytics at A.P. Møller – Mærsk.

Andrea Bonime-Blanc

CEO
GEC Risk Advisory

Dr. Andrea Bonime-Blanc is founder and CEO of GEC Risk Advisory, a global governance, risk, ethics and cyber advisor to business, government and non-profits, a board member, and former senior executive at Bertelsmann, Verint and PSEG. She is author of numerous books including The Reputation Risk Handbook (2014), Emerging Practices in Cyber-Risk Governance (2015), and coauthor, The Artificial Intelligence Imperative (2018). She serves as Independent Ethics Advisor to the Financial Oversight and Management Board for Puerto Rico, start-up mentor at Plug & Play Tech Center, life member at the Council on Foreign Relations and faculty at the NACD, NYU, IEB (Spain) and IAE (Argentina). She holds a PhD in Political Science and Juris Doctor in law from Columbia University and was born and raised in Germany and Spain. Her latest book, Gloom to Boom: How Leaders Transform Risk into Resilience and Value will be published by Routledge in early 2019.

Dato' Dr. Haji Amirudin Bin Abdul Wahab

CEO
Cybersecurity Malaysia

Dato' Dr. Haji Amirudin Abdul Wahab ("Dato' Dr. Amir") is currently the Chief Executive Officer of CyberSecurity Malaysia, a strategic agency under the Ministry of Science, Technology and Innovation (MOSTI), Malaysia and the agency that monitors sovereignty of the country. He has around 25 years of ICT working experience in the telecom and IT sector in the government as well as in the semi-government and private sectors.

A calculated risk-taker with deep technical industry knowledge, Dato' Dr. Amir had built a strong reputation for developing effective and unique strategies and incubating new models and designs. He maintains a well- deserved national and international reputation in his field where he had been invited as keynote speaker in various local and international conferences and featured regularly in the local TV, radio, newspapers, magazines and online media. Embracing the core values of integrity, innovation and growth, he consistently ranks among the top 5% of employees within the ICT Industry in Malaysia.

Hudi Zack

Chief Executive Director (acting)
Technology Unit, Israel National Cyber Directorate (INCD)

Since early 2018 Hudi Zack is leading the Technology Unit in INCD, in charge of all the R&D activities in the directorate. Hudi brings to INCD over 30 years of experience in leading high-tech business and technology organizations, demonstrating both strategic and execution excellence.

Before joining INCD, Hudi was the Chief Operating Officer (COO) of Cytegic, a Cyber-Security start-up. Before Cytegic, Hudi founded and led the cyber activity of Verint. Prior to his tenure in Verint, Hudi filled key senior positions in some of the leading Israeli high-tech companies, including Amdocs where he served as the Division President of the Billing Product Unit. Prior to Amdocs, Hudi was the COO of Metalink (NASDAQ – MTLK), a fabless semiconductor company.

Hudi holds a master's degree in Electrical Engineering from Tel-Aviv University (Summa Cum Laude) and a bachelor's degree in Mathematics and Physics from the Hebrew University in Jerusalem (Cum Laude, as a member of Talpiot program).

Philippe Cotelle

Board Member

Federation of European Risk Management Associations (FERMA)

Philippe Cotelle is the Head of Insurance and Risk Management of Airbus Defence & Space since 2014, gathering all Airbus activities in Space, Defence and Military Transport Aviation.

He is a Board member of AMRAE (French Risk Management Association), President of the Cyber Commission of AMRAE, Board member of FERMA (Federation of European Risk Management Associations) and coordinates a research program with the French Institute of Research and Technology on cyber risk management.

In charge of implementing a dedicated cyber insurance program for Airbus, he has developed within Airbus a new approach for Business impact analysis related to a cyber event. He was in charge of Insurance Risk Management for Astrium, gathering the Space activities of Airbus including the 3 business units EADS Astrium Satellites, EADS Astrium Space Transportation and EADS Astrium Services. Philippe Cotelle was previously also in charge of the Risk Management and Insurance of major programs such as Paradigm, the largest UK MOD PFI contract and the first of the space industry, or Satcom BW, the procurement of a turnkey military communication system and services for German Bundeswehr. He was also leading the negotiation for insurance and risk management with the European Commission on behalf of the European Consortium bidding for the Concession of the Galileo project.

Philippe Cotelle has an engineering degree from Ecole Nationale Superieure de l'Aeronautique et de l'Espace and an executive MBA from Essec & Mannheim. He was recently awarded at the European Risk Management Awards 2018 for the Innovative Insurance Program of the year.

## Session 2 - How Can Value Chain Partners Trust Each Other's Digital Security Governance?

Kathryn Jones
Moderator

Senior Policy Advisor, Department of Culture, Media, and Sports (DCMS), United Kingdom and Vice-Chair of the OECD Working Party on Security and Privacy in the Digital Economy (SPDE)

Kathryn Jones works at DCMS - the UK's digital policy department - where she leads on cyber security policy work with multilateral institutions and bilateral partners. Her current focus is on best practice in developing a secure and resilient cyber security ecosystem, including skills strategies, regulatory environments which encourage action on cyber security, and fostering innovation and a Secure by Design culture. Kathryn has spent her career working for the UK government in foreign and security policy, with a particular focus on telecommunications and cyber security issues.
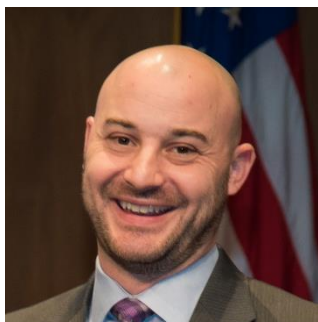
Henry Young

Senior Technology Policy Advisor
Department of Commerce, United States

Henry Young is a Senior Technology Policy Advisor in the Office of the Secretary at the United States Department of Commerce. Prior to joining the Office of the Secretary, Henry worked at the National Institute of Standards and Technology (NIST), a bureau of the Department of Commerce. NIST's responsibilities include the NIST Framework for Improving Critical Infrastructure Cybersecurity, and programs on nearly every cybersecurity topic ranging from cryptography to cybersecurity workforce. In his role, Henry collaborates with partners in the U.S. Federal Government as well as foreign governments and the private sector, to improve the security and privacy of information through law, policy, and the use of NIST's standards, guidelines, and tools. Henry's policy portfolio includes, among other issues, cybersecurity risk management (including IoT), lawful access to encrypted data, and cybersecurity workforce. Prior to joining NIST, Henry worked in the Department of Commerce's Office of the General Counsel and at the Brookings Institution.
Henry holds a B.A. in political science and sociology from Tulane University and a J.D., magna cum laude, from the University of Illinois College of Law.

Koji Ina

Deputy Director of Cybersecurity Division
Ministry of Economy, Trade and Industry, Japan

Koji Ina is the Deputy Director of Cybersecurity Division, Commerce and Information Policy Bureau, Ministry of Economy, Trade and Industry (METI), Government of Japan. He is in charge of international affairs and human resource development policies for industrial cybersecurity. He was the Unit Chief of the National center of Incident readiness and Strategy for Cybersecurity (NISC) in the Cabinet Secretariat of Japanese Government on loan from METI from June 2013 to August 2015.

Prior to his current position, he received a Master's Degree in Information Security Policy & Management from the Carnegie Mellon University in 2018. He received Bachelor's Degree in Physics Engineering at the Kyoto University in 2011.

Evangelos Ouzounis

Head of Unit
European Network and Information Security Agency (ENISA)

Dr. Evangelos Ouzounis is the head of ENISA's Secure Infrastructure and Services Unit. His unit manages ENISA's contribution to the NIS Directive implementation and over the years has developed good practices for several Critical Information Infrastructures (e.g. telecoms, energy, aviation, health, finance and ICS SCADA). In addition, Dr Ouzounis manages within ENISA the area of IoT security and Smart Infrastructures. His team has developed the baseline security requirements for IoT and numerous good practices for smart cars, smart airports, and smart health. Finally, Dr. Ouzounis has developed, together with all EU Telecom Regulators (NRAs), the first ever pan-European incident reporting mechanism for the telecom sector. Since then, his unit has published several annual reports on root causes of reported incidents affecting the telecom sector. His unit now develops a similar mechanism for the trust service providers in the context of eIDAS Regulation.

Prior to his position at ENISA, Dr. Ouzounis worked several years at the European Commission (DG Connect) and co-founded Electronic Commerce Centre of Competence (ECCO) at Fraunhofer FOKUS (Berlin, Germany). He holds a PhD from the Technical University of Berlin on the Resilience and Security of Distributed systems and a Master in Computer Engineering from the Technical University of Patras, Greece.

Yuval Segev

Israel National Cyber Directorate (INCD)

Segev Yuval is the head of cyber defense methodology department at the Israel National Cyber Directorate (INCD). Yuval has developed the first Cyber Defense Methodology for an organization in the Israeli economy, and leads activities to create professional knowledge in the field. As a part of his job, he is responsible for developing a variety of methodologies to protect the Israeli economy from a national and organizational perspective. Prior to that, Yuval served for a number of years in several leading companies in different managerial positions. In his last position, Yuval managed CheckPoint GRC business. Yuval holds a bachelor's degree in engineering and an MBA.

Michiel Steltman

Director
Digital Infrastructure Netherlands Foundation (DINL)

Michiel Steltman is Managing Director of DINL, the Dutch Digital Infrastructure Association. In his capacity he acts as the voice of the sector, consisting of providers of colocation, networks, cloud, hosting, registries, the Dutch scientific network. This sector is also referred to as the "NL digital mainport" and "Digital gateway to Europe". Mr Steltman has a strong technology and business background, with over 30 years of international experience in the IT and online industry. Other activities include his membership of the Forum for Standardisation, a government body that selects mandatory standards for the entire IT domain of the Dutch government; and project lead of Partnering Trust, a private-public project which is part of the government roadmap for secure hard- and software, and aims at transparency for digital assurance and cyber security.

Mr Steltman is a frequent speaker and panelist and writes and speaks with passion about the ins and outs of the Dutch online sector and its impact on society and economy.

John Salomon

Director

Financial Services Information Sharing and Analysis Center (FSISAC)

John Salomon is an information security professional who has worked for over 20 years in financial services, healthcare, and other critical infrastructure sectors. John has both a technological and management background, with extensive experience in network security, authentication and crypto, incident response, risk management, security assurance, and threat intelligence. He is based in Spain, and currently manages the activities of FS-ISAC in continental Europe, the Middle East, and Africa.

Session 3 - "Active Defence": How Far Can Businesses Go in Proactive Security?

András Hlács
Moderator

Vice-Chair of the OECD Committee on Digital Economy Policy

Mr András Hlács is the Vice Chair of the OECD's Committee on Digital Economy Policy (CDEP). In addition, he works as an Education, STI and Digital counsellor at the Permanent Delegation of Hungary to the OECD and UNESCO. Before moving to Paris, Mr Hlács worked as a senior strategic consultant at the National Research, Development and Innovation Office of Hungary (NKFIH) in Budapest from 2011 to 2015. His duties mainly focused on science, technology and innovation (STI) related programs and strategic planning, including priority areas as Smart Specialization (S3) and Public Procurement of Innovation (PPI). In addition, he also worked as a part-time lecturer on PPI at the Faculty of Law of Eötvös Loránd Science University. Mr Hlács holds an MA degree in English Language and an MA degree in Foreign Relations (with a specialization in American Studies) from Eötvös Loránd Science University.

Axel Petri

Senior Vice President Group Security Governance
Deutsche Telekom

Axel Petri is Senior Vice President Group Security Governance at Deutsche Telekom AG. As Group Security Coordinator he is responsible for assuring the holistic and groupwide security approach. This contains strategy, regulations and control in all security domains as well as steering the groupwide cooperation of all security departments. He is also in charge of Information Protection and Economic Security as well as Investigations and Prevention. As Security Commissioner he is responsible for the fulfilment of the legal obligations in the field of Public Safety including strategy and steering of Lawful Interception and Data Provision in Germany.

Axel is co-author of the „Rechts-Handbuch zum E-Commerce" (Legal Compendium on E-Commerce) and author of further publications regarding Internet-/Media Law as well as Security. He is a visiting lecturer at the University of Applied Sciences 'Rheinische' Cologne. Axel is the President of the Advisory Council at ASIS's CSO Center for Leadership & Development and member of a couple of committees in different associations for example at BDI and BITKOM.

Stewart Baker

Partner

Steptoe & Johnson

Stewart Baker practices law at Steptoe & Johnson in Washington, D.C. His law practice covers matters such as homeland security, cybersecurity, and data protection. He is the author of Skating on Stilts: Why We Aren't Stopping Tomorrow's Terrorism and he hosts the weekly Cyberlaw Podcast. From 2005 to 2009, Mr. Baker was the first Assistant Secretary for Policy at the Department of Homeland Security. During 2004 and 2005, Mr. Baker served as General Counsel of the WMD Commission investigating intelligence failures prior to the Iraq war. From 1992 to 1994, Mr. Baker was General Counsel of the National Security Agency, where he led NSA and interagency efforts to reform commercial encryption and computer security law and policy. In 1977-78, he was a law clerk to Hon. John Paul Stevens, U.S. Supreme Court.

Yves Verhoeven

Director for Strategy

French National Cybersecurity Agency (ANSSI)

Yves Verhoeven studied at the Ecole Normale Supérieure and he also holds a PhD in computer science. He began his career in 2005 at the French Ministry of Foreign Affairs. Afterwards, he joined the National Defence Secretariat in 2007. Since 2009, he works at the National Agency for Cybersecurity.

During his career, he engaged successively in research, project management, IT security, international affairs and digital affairs. As such, Yves Verhoeven covered a wide range of activities related to cyber defence and cybersecurity. He is the head of the strategy department of the National Agency for Cybersecurity since 2016.

Théodore Christakis

Professor of International Law
University Grenoble-Alpes, France

Theodore Christakis is a Professor of International Law at the University Grenoble Alpes and a member of the Institut Universitaire de France. He is the Director of the Center for International Security and European Studies (CESICE) and the Deputy Director of the Grenoble Alpes Data Institute. He is a Member of the French National Digital Council and a Senior Fellow with the Cross-Border Data Forum. He has been invited more than 90 times to give lectures & academic presentations in several conferences, workshops and seminars held in 28 countries. In 2020 he will give the first course on "Cybersecurity and International Law" at the Hague Academy of International Law. He has published or co-edited 9 books and is the author or co-author of more than 70 scientific articles and book chapters that focus on public international law, international security law, international and European protection of human rights, cyber security law and data protection and governance. He has served as Legal Counsel for governments, international organisations and the private sector.

Leandro Ucciferri

Asociación por los Derechos Civiles, Argentina

Leandro Ucciferri is a lawyer, researcher and policy analyst working to strengthen and uphold human rights and civil liberties in the digital world. In 2015 he joined the Association for Civil Rights, a non-profit independent NGO based in Buenos Aires, Argentina, where he specialises in threats to the right to privacy in the digital age. His passion lies in understanding technology and the role it plays in our increasingly connected lives, as well as how it can impact the development of society.

PART II: MAKING DIGITAL TECHNOLOGIES MORE SECURE THROUGHOUT THEIR LIFECYLE

Session 4 - How to Achieve Security by Design?

	Laurent Bernat
	Moderator

Policy Analyst
OECD Secretariat

Laurent Bernat is a Policy Analyst at the OECD Secretariat in the Digital Economy Policy Division, where he works on digital security policy issues. Laurent supports the activities of the Working Party on Security and Privacy in the Digital Economy (SPDE) and Committee on Digital Economy Policy (CDEP). He manages the OECD Global Forum on Digital Security for Prosperity and is currently working on the revision of the 2008 OECD Recommendation on the protection of critical information infrastructures. He led the development of the 2015 OECD Recommendation on Digital Security Risk Management for Economic and Social Prosperity which forms the basis for current OECD work on digital security. Since 2003, Laurent worked on many different trust-related policy issues including national cybersecurity strategies, digital identity management, RFID, cryptography policy and the protection of children online. Prior to joining the OECD in 2003, he was in charge of information and communications at the French data protection authority (Commission nationale de l'informatique et des libertés - CNIL). He has a Master's degree in political science and has graduated from the French Institut d'étude des relations internationales (ILERI).

Diane Rinaldo

Deputy Administrator and Deputy Assistant Secretary for Communications and Information

National Telecommunications and Information Administration, Department of Commerce, United States

Diane Rinaldo was sworn in as Deputy Assistant Secretary for Communications and Information at the Department of Commerce on April 20, 2018. She serves as the Deputy Administrator of the National Telecommunications and Information Administration (NTIA), the Executive Branch agency principally responsible for advising the President on telecommunications and information policy.

Focusing on cybersecurity and technology policy, Diane has extensive experience in government and the private sector throughout her career. She staffed the House Permanent Select Committee on Intelligence, where she was the lead committee staffer on Congress' landmark cybersecurity legislation, the Cybersecurity Act of 2015. She also served as the

oversight and budget monitor for the National Security Agency and the defense network systems, and served as Deputy Chief of Staff to Congressman Mike Rogers as his top technology policy staffer.

Recognized for her work on cybersecurity, Rinaldo was awarded the Executive Women's Forum's 2016 Influencer of the Year award. She earned a bachelor's degree in Political Science from the University of Maine and an Executive Certificate from the Kennedy School of Government at Harvard University for cyber studies.

Pascal Andrei

Chief Security Officer

Airbus

Pascal Andrei holds a PhD in Competitive Intelligence & Security from Paris University after receiving his Mathematics and Physics masters. He has started his carrier at Aerospatiale in 1992 as head of Competitive Intelligence before leading e-business activities in Munich for EADS headquarters. He created and has been leading the Aircraft Security within Airbus Engineering for the last 15 years, covering both cybersecurity and physical security items (incl. industrial environment security) and was the Chief Product Security Officer and Executive Expert across all Divisions and all products (including aircraft, helicopters, satellites, launchers among others). He is currently Airbus SVP Chief Security Officer, leading all Security activities for Airbus worldwide. He plays a very active role in the international cooperative efforts to guarantee the overall (physical and cyber) security of the commercial aviation infrastructure. For this contribution, he has been nominated personality of the year in 2015 by the Air Transportation System Security community in Dubai. He is a reservist at French Gendarmerie (GIGN) and was decorated knight of the Legion d'Honneur in 2017.

Audrey Plonk

Government and Policy Director

Intel

Audrey L. Plonk is the Global Director of Security Policy at Intel. Audrey leads a team of policy experts focused on product assurance and cybersecurity and works directly with senior management to develop and implement Intel's product assurance and security strategy. She also specializes in China cyber policy and advises Intel business and product teams on China strategy.

Prior to joining Intel in 2008, Audrey worked for the Organisation for Economic Co-operation and Development (OECD) based in Paris, France. Audrey led the OECD's security policy work on critical information infrastructure protection and malware. In that role, she also served as liaison to the Asia-Pacific Economic Cooperation Telecommunications and Information Working Group, the

International Telecommunication Union and the Internet Governance Forum.

From 2003 to 2006, Audrey worked as a consultant for the U.S. Department of Homeland Security's National Cyber Security Division, primarily focusing on international cybersecurity policy issues in their International Affairs Division. Audrey attended The George Washington University in Washington, DC and received her B.A. in international affairs with a focus on the European Union and received a double minor in French and dance.

Jeff Wilbur

Technical Director
Online Trust Alliance (OTA)

Jeff Wilbur is the Technical Director of the Online Trust Alliance (OTA) initiative at the Internet Society, where he focuses on security and privacy best practices for enterprises and IoT. He has over 35 years of experience in high technology focused on bringing new, industry-transforming communications technologies to market, and was chairman of the board of OTA when it became part of the Internet Society in 2017. He has been involved at the founding stages of Ethernet, routing, switching, VOIP, unified messaging, and email authentication and services in both startups and Fortune 500 companies. Jeff has a technical and business background with a Master's Degree in Electrical Engineering from Stanford.

Jean-Christophe Mathieu

Cybersecurity co-ordinator
Siemens, France

Jean-Christophe Mathieu started his carrier as a project manager in the area of industrial systems' integration in the steel industry, automobile, aeronautics, food industry, transports, etc. He joined Siemens' Digital Factory and Process and Drives divisions as national technical expert for networks and cyber security of industrial systems. He is currently Cybersecurity co-ordinator for Siemens group in France. He participated in ANSSI's working groups on cybersecurity of industrial systems and others at national and EU levels. He led the work that resulted in the qualification Simatic product range by ANSSI. In 2018, he became the president of the European cluster for cybersecurity of industrial and urban systems "ECC4iu".

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Andreas Schweiger

Managing Director Cyber Security Services
TÜV SÜD

Andreas Schweiger has headed the Cyber Security Services Business Unit of TÜV SÜD's Business Assurance Division since February 2018. Schweiger assumed global responsibility for IT security services as well as the management of the TÜV SÜD Sec-IT GmbH. Under his leadership, the Cyber Security Services business unit supports companies in exploiting the opportunities of digital transformation and minimizing the risks of increasing networking. In his role at TÜV SÜD he is responsible for the strategic development of the global Cyber Security Services business of TÜV SÜD's Business Assurance Division.

Before joining TÜV SÜD, Schweiger was Service Delivery Executive and Area Manager, responsible for innovation and digital transformation programs at CISCO SYSTEMS and responsible for the security of the company's product portfolio. Until 2011, he worked as Senior Manager – Head of Cabin Electronic Systems Office at EADS and was also responsible for cross-industry development and marketing of data products for earth observation at EADS Astrium/Infoterra Global.

Session 5 – Maintaining Security once Technologies are on the Market

Jean-Baptiste Demaison
Moderator

Chair of the ENISA Management Board, Senior Digital Security Advisor to the Strategy Director
ANSSI, France

Jean-Baptiste Demaison is Chair of the Management Board and Executive Board of the European Network and Information Security Agency (ENISA) since 18 October 2016. Mr Demaison is also a Senior Advisor to the Strategy Director at the French Cybersecurity Agency (ANSSI), which he joined in 2011, and is in charge of coordinating ANSSI's strategic and policy orientations on the security of the Digital Transformation. Formerly, Mr Demaison coordinated ANSSI's International and European Cyber Policy activity. Since 2015, Mr. Demaison is a lecturer at the Paris School of International Affairs (PSIA) at Sciences Po.

Previously, Mr. Demaison worked for the Strategic-Research Institute of the French Military Academy (IRSEM) and for the French Ministry of Foreign Affairs, as Deputy Director and International Relations lecturer within the French department of the Faculty of Political Science and Economics of the Cairo University.

Mr. Demaison holds a Master's degree in International Affairs, graduated from Sciences Po Toulouse and specialized in global technological security challenges.

Arne Schönbohm

President
Federal Office for Information Security (BSI), Germany

Arne Schönbohm took up his position as the President of the Federal Office for Information Security (BSI) on 18 February 2016. Arne Schönbohm studied international business administration at the International School of Management in Dortmund, as well as in London and Taipei. Between 1995 and 2008 he held several senior positions within EADS Germany, now Airbus, most recently as Vice President Commercial and Defence Solutions for EADS Secure Networks. From 2008 to 2016 he was the Chief Executive Officer of BSS BuCET Shared Services AG (BSS AG), which advises companies and public authorities in the fields of digitalisation, cyber security and data protection. In addition to this activity, Arne Schönbohm served from August 2012 for more than three years as the President of Cyber-Sicherheitsrat Deutschland e.V., a Berlin-based politically neutral association, that has set itself the task of advising companies, public authorities and policymakers on matters of cyber security and strengthening them for the fight against cybercrime. He is also the author of various books, including "Deutschlands Sicherheit – Cybercrime and Cyberwar" (2011).

Angela McKay

Senior Director of Cybersecurity Policy and Strategy

Microsoft

Ms. Angela McKay is the Senior Director of Cybersecurity Policy and Strategy within Customer Security and Trust at Microsoft. She leads Microsoft's public policy work on cybersecurity and cloud security, and helps drive the company's efforts to ensure a peaceful and stable cyberspace. Her team includes professionals working on these topics across Africa, Asia, Europe, Latin America, and the U.S.

Ms. McKay serves as Secretary for the Coalition to Reduce Cyber Risk, on the Board of Councillors for the East West Institute, and as Microsoft's Point of Contact for the President's National Security Telecommunications Advisory Committee. Before joining Microsoft in 2008, she worked at Booz Allen Hamilton and BellSouth Telecommunications. Ms. McKay holds a Bachelor's of Industrial and Systems Engineering from the Georgia Institute of Technology.

Cristine Hoepers

General manager

CERT.br

Cristine Hoepers is the General Manager of CERT.br, the Brazilian National CERT, maintained by NIC.br, from the Brazilian Internet Steering Committee. She has a degree in Computer Science and a PhD in Applied Computing. She has been working with Incident Management at CERT.br since 1999, where she helps the establishment of new CSIRTs in Brazil, provides training in information security and incident handling, and develops best practices to reduce abuse and increase Internet resilience. In the past she served as a member of the FIRST Board of Directors, as a Lead Expert of the UN IGF Best Practice Forum on CERTs, and as a member of the ITU HLEG (High Level Experts Group). She has been a speaker and moderator at several forums such as ITU, OAS, ICANN, APWG, IGF, MAAWG, LACNIC and FIRST Conferences, on the topics of incident handling, Internet fraud and spam, CSIRTs development and use of honeypots to identify and measure Internet infrastructure abuse.

Nelly Ghaoui

Coordinating policy advisor cybersecurity

Ministry of Economic Affairs and Climate Policy, Netherlands

Nelly Ghaoui is a senior policy coordinator at the Dutch ministry of Economic Affairs and the Climate Policy. She is responsible for the implementation of the roadmap on hard- and software security which aims to improve the cybersecurity of hard- and software, including the Internet of Things.

Taro Hashimoto

Deputy Director

Ministry of Internal Affairs and Communications, Japan

Taro Hashimoto is the Deputy Director, Office of the Director-General for Cybersecurity, Ministry of Internal Affairs and Communications (MIC), Government of Japan. He has been in his current position since August 2018, and is in charge of international affairs of cybersecurity in the field of ICT. He also has broad experience in the technologies of networking, computer science, and security as an R&D engineer and product service manager in the telecom industry.

Mr. Hashimoto holds the CISSP and a Master's Degree in Information Technology and Information Security from the Carnegie Mellon University.

Nimbe Ewald Aróstegui

General Director of Technical Regulation

Instituto Federal de Telecomunicaciones, Mexico

Nimbe Ewald Arostegui is an engineer from the University of Veracruz, Mexico and holds an MSc in Telecommunications and Information Systems from the University of Essex and a PhD on IP protocols from the University of Leeds. She was a Research Fellow at the University of Aberdeen, where she worked on research projects related to satellite networks and their standardization and their role as facilitators of the digital economy. In Mexico, she worked as a General Director of Emerging Technologies in the Scientific Unit of the Federal Police, where she carried out technology testing and the development of technological projects for public safety.

Since January 2014, Nimbe works as a General Director of Technical Regulation in the Regulatory Policy Unit of the Federal Telecommunications Institute, the Mexican telecommunications and broadcasting regulator. She leads the design and preparation of regulations and strategies of, among others, national technical regulations and conformity assessment procedures for TIC products, digital security, emergency communications and collaboration of network operators with public safety & law enforcement authorities.

Session 6 – Encouraging responsible vulnerabilities disclosure

Prof. Beomsoo Kim

Moderator

Vice-Chair of the OECD Working Party on Security and Privacy in the Digital Economy (SPDE)

Dr. Beomsoo Kim is the Director of the Barun ICT Research Center and Professor of Information Security and Privacy at the Graduate School of Information (GSI) at Yonsei University, Seoul, Korea. He is also serving as a vice-chair of Security and Privacy in the Digital Economy (SPDE), OECD, and he is the chair of the Asia Privacy Bridge Forum. He advises the Ministry of Interior and Safety, Personal Information Protection Commission, Korea Communications Commission, and Korea Internet & Security Agency in Korea on privacy and security issues. In June 2018, he received the Korea President's Information Culture Merit Award recognizing his research and contribution on personal data protection, and promoting safe and secure information technology culture.

Marietje Schaake

Member of European Parliament

Marietje Schaake is a Dutch politician and has been serving as a Member of the European Parliament since 2009. She is a member of D66, part of the Alliance of Liberals and Democrats for Europe (ALDE) political group. She is Coordinator on the International Trade committee, where she is the ALDE spokesperson on transatlantic trade and digital trade. Schaake also serves on the committee on Foreign Affairs and the subcommittee on Human Rights. She is the Vice-President of the US Delegation and serves on the Iran Delegation and the Delegation for the Arab peninsula. Furthermore, Schaake is the founder of the European Parliament Intergroup on the Digital Agenda for Europe. In 2017 she was Chief of the European Union Election Observation Mission in Kenya. Since 2014, Schaake is a 'Young Global Leader' with the World Economic Forum and she was recently appointed as co-chair of the WEF Global Future Council on Agile Governance. Schaake is a Member of the Transatlantic Commission on Election Integrity, the Global Commission on the Stability of Cyberspace and chair of the CEPS Taskforce on Software Vulnerability Disclosure in Europe. Furthermore, she is a member of the European Council on Foreign Relations and an advisor to the Center for Humane Technology.
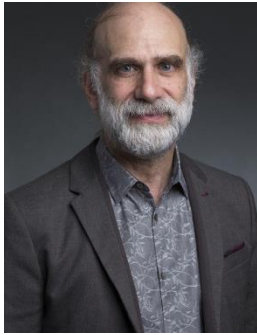
Bruce Schneier

Security Technologist and Author

Bruce Schneier is an internationally renowned security technologist, also called as a 'security guru' by the Economist. He is the author of 14 books -- including the best-seller Click Here to Kill Everybody -- as well as hundreds of articles, essays, and academic papers. His influential newsletter Crypto-Gram and blog Schneier on Security are read by over 250,000 people. Schneier is a fellow at the Berkman Klein Center for Internet and Society at Harvard University; a Lecturer in Public Policy at the Harvard Kennedy School; a board member of the Electronic Frontier Foundation, AccessNow, and the Tor Project; and an advisory board member of EPIC and VerifiedVoting.org. He is also a special advisor to IBM Security and the Chief Technology Officer of IBM Resilient.

Rodolphe Harand

Associate Director
Yes We Hack

A former investigator for the French Customs & Excise Cyber Enforcement Team (Cyberdouane), Rodolphe Harand held several Executive positions in cybersecurity companies.

Among them was Lexsi, the French leading pure player for 10+ years, where he participated in the creation and development of CERT-LEXSI, the biggest independent and privately owned CERT in Europe, which handled thousands of cybersecurity incidents worldwide.

Rodolphe Harand is currently Managing Director of YesWeHack, the leading European Bug Bounty platform. In 2017 YesWeHack launched ZeroDisclo.com, a non-profit platform providing the secured and anonymous reporting of vulnerabilities complying with Coordinated Vulnerability Disclosure standards.

Lorenzo Pupillo

Head of the Cybersecurity Initiative

Centre for European Policy Studies (CEPS)

Dr. Lorenzo Pupillo is an Associate Senior Research Fellow and Head of the Cybersecurity at the CEPS Initiative. In this capacity he has coordinated the activity and the report of the Software Vulnerability Disclosure in Europe CEPS' Task Force and the Strengthening the EU's Cyber Defence Capabilities CEPS' Task Force and report. Before joining CEPS, he served as an Executive Director in the Public & Regulatory Affairs Unit of Telecom Italia developing the company's global public policies for Internet, Cyber-Security, Next Generation Networks. He has served as an advisor to the Global Information and Communication Technologies Department of the World Bank. Before joining Telecom Italia, he was member of the technical staff at AT&T Bell Laboratories in Murray Hill - New Jersey - and he worked as senior economist for governmental institutions. Dr. Pupillo is also an affiliated researcher at Columbia Institute for Tele Information at the Columbia Business School. He obtained a PhD and an M.A. from University of Pennsylvania, an MBA from Istituto Adriano Olivetti in Ancona Italy and an MS in Mathematics from the University of Rome.

Cedric Laurant

Civil Society

Cédric Laurant is the Co-founder and President of the non-profit organisation "Artículo 12", the first one in Mexico to tackle data privacy issues since 2012. With more than 20 years of experience in the areas of data protection, online privacy and information governance, with an emphasis on Latin America, the EU and the US, he has handled legal compliance and public policy projects, government affairs and public advocacy missions, and offered technical assistance, research, training and capacity-building services for international organizations, governments, data protection authorities, private companies, NGOs and trade associations. He is a member of the Steering Committee of CSISAC, the Civil Society Information Society Advisory Committee of the OECD for the 2017-2019 term.

Public Policy Discussion

Katarina de Brisis
Moderator

Chair of the OECD Working Party on Security and Privacy in the Digital Economy (SPDE)

Katarina de Brisis is the Deputy Director General in the department of national ICT policy and public sector reform in the Ministry of Local Government and Modernisation in Norway. Her area of responsibility includes co-ordination of the government's ICT-policy, national strategy for ICT R&D, open government data, digital skills and competencies, accessibility of ICT-solutions and international relations within ICT-policy. She is also responsible for policies for digital transformation of government, including stronger co-ordination and cohesion between central and local government, ICT security in the state government and policies for user-centered service delivery.

De Brisis holds Master of Science degree in informatics and an MBA in public finances and management. She has 37 years of working experience with ICT, especially in policy design and co-ordination.

Henri Verdier

Ambassador for Digital Affairs, France

After graduating from the Ecole normale supérieure, Henri Verdier was the founder Director of "Edition Odile Jacob Multimedia", a publishing company in the field of e-learning, Executive Adviser for Innovation at Lagardère Group and the Director of Prospective for the Institut Telecom. He was also CEO of MFG Labs, an internet startup involved in social data mining, and Chairman of the Board of Cap Digital, the French European Cluster for Digital Content and Services located in Paris Region.

In 2013, he became Head of Etalab, the French Agency for Public Open Data. Under his direction, Etalab developed a new version of the French national open data portal "data.gouv.fr", which hosts many public datasets. Before being appointed Ambassador for Digital Affairs in November, he was France's Chief Digital Officer as head of the DINSIC (Inter-ministerial Direction for Digital Affairs and the State's Information and Communication System), which combines the functions of an IT department with a digital transformation mission.

Ambassador Thomas Fitschen

Special Representative for Cyber Foreign Policy and Cybersecurity, Germany

Ambassador Dr. Thomas Fitschen is the German Federal Foreign Office's Special Representative for Cyber Foreign Policy and Cybersecurity. From 2012 to 2015 he served as Ambassador and Deputy Permanent Representative of Germany to the United Nations in Geneva, was Faculty Member of the Geneva Center for Security Policy from 2011-12 and the Legal Adviser of the German Permanent Mission to the UN in New York from 2005 – 2008. He is a lawyer by training and joined the German Foreign Service in 1990.

Matthew Travis

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

Matthew Travis serves as the first Deputy Director for the Department of Homeland Security's Cybersecurity and Infrastructure Security Agency (CISA). Mr. Travis served as Deputy Under Secretary for the National Protection and Programs Directorate (NPPD) before the agency became CISA on November 16, 2018. As Deputy Director, he supports the CISA Director in overseeing the Cybersecurity Division, the Infrastructure Security Division, the National Risk Management Center, and the Emergency Communications Division. His operational support responsibilities are to ensure a holistic approach to critical infrastructure protection across physical and cyber risks activities.

Prior to joining CISA in March 2018, Mr. Travis served as vice president of homeland security for Cadmus, a security and resiliency professional services firm supporting clients throughout the homeland security enterprise. In 2010, he co-founded Obsidian Analysis, Inc., a homeland security consultancy. Obsidian was acquired by Cadmus in 2016. In both companies, Mr. Travis served as a senior facilitator of national preparedness exercises in support of FEMA and the National Exercise Program. He also directed all program support for National Level Exercise 2012, the first national cybersecurity exercise.

Previously, Mr. Travis served as president of the information security company Detica, Inc. and, before that, vice president at DFI International, where he was instrumental in creating the homeland security practice that supported CISA and its Office for Bombing Prevention.

From 1991 to 1998, Mr. Travis served as an officer in the U.S. Navy. He initially served aboard the guided-missile frigate U.S.S. CARR (FFG 52) as the Engineering Auxiliaries Officer. Aboard CARR, he also served as maritime interdiction boarding officer in the Northern Red Sea following Operation Desert Storm. Mr. Travis then served a tour as White House Liaison to the Secretary of the Navy and was also a White House Military Aide.

Carlos da Fonseca

Head of the Information Society Division
Ministry of Foreign Affairs, Brazil

Carlos da Fonseca is a Brazilian diplomat, currently Head of the Information Society Division at the Ministry of Foreign Affairs, where he coordinates foreign policy initiatives and negotiations on issues such as the digital economy, digital risk security management, electronic commerce and the Internet Governance, among others. As Head of the Division, he represents Brazil in fora such as the OECD (CDEP), G20 (Digital Economy Taskforce) and the ITU (Council Working Group on Internet Policy Issues). At the regional level, he is the Brazilian Coordinator of MERCOSUR's Digital Agenda (Grupo Agenda Digital), as well as the Working Group on Regional Digital Market at the e-LAC process (Digital Agenda of Latin America and the Caribbea n). Within Brazil, Carlos coordinates the Brazilian Inter-Ministerial Committee on e-Commerce and Exports. He holds a degree in History from the University of Paris 2 and a Masters' Degree in Public Administration (MPA) from the Harvard Kennedy School.

Makoto Yokozawa

Business at OECD (BIAC)

Dr. Yokozawa is the head professor of the Market and Organisation Informatics Systems Laboratory at the Graduate School of Informatics, Kyoto University, which is a Joint Research Unit with a private IT services company, Nomura Research Institute, Ltd.

He has been leading in many study groups focusing on regulatory and policy issues in the Japanese government and private sector associations, including broadband policy, spectrum management, Internet governance, personal data protection, digital trade, innovation and Information Society and Economy policies.

He has been leading multilateral discussions on digital socio-economy policies, including those in OECD, APEC, UNCTAD, ITU and WTO, as well as bilateral dialogues with US, EU, Korea, Taiwan, India and China.

Suso Baleato

Civil Society Information Society Advisory Council (CSISAC)

Suso Baleato (PhD Political Science, Linux Engineer) is specialised in the application of computational methods to support scientific inquiry and policy analysis. His research focuses on Internet measurement and the causality of digitalisation, and it has been published in academic outlets such as Science. Dr. Baleato contributes to the global digitalisation policy-making process in the context of the OECD and G7/G20 dialogue, with an emphasis on privacy and data protection, artificial intelligence and cybersecurity. He has been appointed Postdoctoral Fellow at Harvard University Institute for Quantitative Social Science (IQSS), Martin Associate at the Oxford Cybersecurity Capacity Center, and Liaison of the Civil Society Council for the OECD Committee on the Digital Economy Policy. He is a member of The Society for Political Methodology (POLMETH), the International Studies Association (ISA), the European Consortium for Political Research (ECPR), the Midwest Political Science Association (MPSA), and the American Association for the Advancement of Science (AAAS). Suso is Galician.

Nigel Hickson

Internet Technical Advisory Committee (ITAC)

Nigel is VP of ICANN and works out of the Geneva office as part of the Government Engagement Team. He is responsible for engagement with the UN in Geneva, IGOs and other International organisations.
Nigel joined ICANN in 2012 and worked until 2014 as the VP for Global Stakeholder Engagement in Europe. He joined ICANN from the UK government; where he had served in a number of capacities for just fewer than 30 years. Latterly he had been responsible for a team dealing with international ICT issues; including Internet Governance.

Concluding Remarks

Angel Gurría

Secretary-General

OECD

Angel Gurría was born on May 8th, 1950, in Mexico. Mr Gurría came to the Organisation of Economic Co-operation and Development (OECD) following a distinguished career in public service.

As Secretary-General of the OECD since 2006, Mr. Gurría has firmly established the Organisation as a pillar of the global economic governance architecture including active participation in the G7, G20 and APEC, and a reference point in the design and implementation of better policies for better lives. He has broadened OECD's membership with the accession of Chile, Estonia, Israel, Latvia, Slovenia, Lithuania and Colombia, and has made the Organisation more inclusive by strengthening its links with key emerging economies. Under his watch, the OECD is leading the effort to reform the international tax system, to enhance anti-corruption and transparency efforts, to improve the different stages of education, and to develop digital strategy, among other fields. He has also heralded a new growth narrative that promotes inclusive growth, the well-being of people, including women, gender and youth, and has scaled up the OECD contribution to the global agenda, including the Paris Agreement on Climate Change and the adoption of the Sustainable Development Goals.

Mr. Gurría holds a B.A. degree in Economics from UNAM (Mexico) and a M.A. degree in Economics from Leeds University (United Kingdom). He is married and has three children.

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