

# Workshop on Digital Security and Resilience in Critical Infrastructure and Essential Services

*Digital Security in Energy, Transport, Finance,  
Government, and SMEs*

**15-16 February 2018**

OECD Conference Centre, 2 rue André Pascal, Paris, France

**Bio-BOOK**

## Welcome/Opening remarks



**Masamichi KONO**

**Opening Remarks**

Deputy Secretary-General

Going Digital Project Leader

OECD

Mr Kono took up his position in August 2017, and supports the OECD Secretary-General covering the strategic direction of OECD policy on areas including financial and enterprise affairs, fiscal policy, the environment and green growth. He has a distinguished career in financial regulation and supervision both in Japan and internationally. He is a former Vice Minister for International Affairs of Japan's Financial Services Agency (JFSA) and in this capacity he represented the JFSA on various international bodies, including the Financial Stability Board (2009-2016) where he chaired its Regional Consultative Group for Asia. He was also President of JFSA's Global Financial Partnership Centre (GLOPAC). Mr Kono was also Chairman of the Technical Committee of the International Organisation of Securities Commissions (IOSCO) and served as Chairman of the IOSCO Board until 2013. He was Secretary of the Committee on Trade in Financial Services of the World Trade Organisation (WTO) between 1995 and 1999.

## Session 1. Digital security risks in the financial sector



**Martin KYLE**

**Moderator**

Chief Information Security Officer

Payments Canada

Martin Kyle is the Chief Information Security Officer at Payments Canada. Martin joined the organization in 2017, after serving in a similar role in the cooperative sector of Canadian financial institutions. With a deep background in technology development, implementation, and oversight; Martin is responsible for the organization's corporate security program, including both cyber and physical security. Martin holds a Bachelor of Science degree from Brigham Young University with additional graduate studies at Simon Fraser University. He is a Senior Member of the Association for Computing Machinery, a Certified Information Systems Security Professional, and Certified Secure Software Lifecycle Professional.



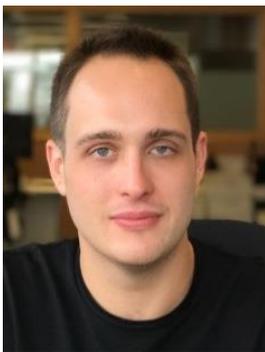
## Nikolai BOECKX

### Panellist

Head of SWIFT oversight

National Bank of Belgium

Mr Nikolai Boeckx works for the National Bank of Belgium's Department for Prudential Supervision of Market Infrastructures and Oversight, specializing in operational risk and cyber security topics. He chairs various working groups conducting the cooperative oversight on Financial Market Infrastructures for which the National Bank of Belgium is the lead overseer (including SWIFT, Euroclear), and also contributes to various international working groups discussing cyber security policy for Financial Market Infrastructures (CPMI-IOSCO, Eurosystem).



## Edward DOWLING

### Panellist

Security Product Manager

TransferWise

Edward is the Security Product Manager at international payments firm TransferWise. Edward is responsible for ensuring the security of customer's accounts, without compromising the convenience for which TransferWise is known. Prior to this, Edward was the founder and CEO of App.io, a mobile app virtualisation platform based in Silicon Valley and acquired in 2015. Edward has also consulted numerous early-stage startups in Australia, Silicon Valley and London.



## Sameer ISMAIL

### Panellist

Chief Compliance and Risk Officer  
Coinify

Sameer started his career at Lloyd's Bank and has a decade of experience in identifying and countering risk in all its forms across banking, merchant acquiring, payment processing and blockchain based systems in a mix of global and boutique organisations such as Lloyd's Bank, RBS, WorldPay, Google Payments and the Fintrax Group.



## Leo PUNT

### Panellist

Deputy Chief Executive EMEA  
SWIFT

Leo Punt is Head of EMEA Services & Support since October 2010, appointed Deputy Chief Executive EMEA in September 2015 and responsible for the SWIFT Customer Security program rollout in EMEA. He has a broad experience in Technology, Operations and Security related Services. He joined SWIFT in 2004 and prior to joining SWIFT held various senior level positions in IT, commercial and delivery functions in multinational institutions across different industries. Leo has a degree in Information Technology and MBA from Henley Business School



## John M. SALOMON

### Panellist

Regional Director (EMEA)  
Financial Services ISAC

John Salomon represents the Financial Services Information Sharing and Analysis Center (FS-ISAC) as Regional Director for continental Europe. He has 20 years of international information security experience in the areas of network security, crypto & authentication, risk management, and incident response, as well as organizational security strategy, data protection, and regulatory compliance. John previously worked as deputy head of security engineering for UBS, and is a graduate of UC Berkeley and INSEAD, and lives in Switzerland, Germany, and Spain.



## JoAnn STONIER

### Panellist

EVP/Chief Data Officer

Mastercard

JoAnn C. Stonier is EVP/Chief Data Officer for Mastercard. In this role, she is responsible for enterprise-wide data strategy and management to ensure the organization maximizes the value of its information assets. Ms. Stonier and her team of global professionals identify the opportunities associated with Mastercard's information assets and assist in the development of the tools, processes, policies and standards necessary to enable their use.

Previously, Ms. Stonier was EVP Chief Information Governance & Privacy Officer for the organization. In that role she was responsible for worldwide privacy and information governance, leading those teams as well as leading regulatory engagement in this area. Prior to joining Mastercard in 2008, Ms. Stonier was the Chief Privacy Officer for American Express Company. She also held various roles of increasing responsibility at American Express, including Chief Operating Officer, American Express Tax & Business Services; Vice President, Acquisition Integration; and Vice President & Assistant to the Chairman. Ms. Stonier has worked at Waldenbooks, Inc., PepsiCo and started her career as an auditor for PriceWaterhouse Coopers.

In addition to her work at Mastercard, Ms. Stonier is an adjunct professor at Pratt Institute where she teaches business strategy and international business, in the Design Management Master's program.

Ms. Stonier received her Juris Doctorate from St. John's University in Queens, and her Bachelor of Science degree from St. Francis College. She holds memberships in the Bar of the State of New York and the Bar of the State of New Jersey. Ms. Stonier has been recognized as a leader in data and privacy by a number of organizations including the Aspen Institute, the United Nations, and the Information Governance Initiative and has served on the board of the International Association of Privacy Professionals, the Center for Information Policy Leadership and the Information Accountability Foundation. She is a well-regarded speaker at industry events and often addresses the need for balancing data innovation and privacy. JoAnn is based in Purchase, NY.

## Session 2. Digital security risks to energy infrastructure: Electricity



**Michael APICELLI**

**Moderator**

Energy Attaché

U.S. Mission to the OECD

Michael Apicelli is the Office Director at DOE USOECD. Housed within the U.S. Mission to the Organization for Economic Cooperation and Development (OECD), the DOE Office Director is responsible for coordinating U.S. engagement with the International Energy Agency (IEA) and Nuclear Energy Agency (NEA), both Part II OECD organizations. Prior to his current posting, Mr. Apicelli served as Energy Attaché at DOE's Moscow Office from 2012-2015, and joined the US Department of Energy in 2007. A licensed attorney in Maryland and his home state of New Jersey, Mr. Apicelli specializes in energy security issues.



**Professor Tim WATSON**

**Panellist**

Director, WMG Cyber Security Centre

University of Warwick

Professor Tim Watson is the Director of the WMG Cyber Security Centre at the University of Warwick. With more than twenty-five years' experience working with industry and in academia, he has been involved with a wide range of systems on several high-profile projects, has acted as a consultant for some of the largest telecoms, power and transport companies and is an adviser to various parts of the UK government and to several professional and standards bodies. Tim's recent research includes EU-funded projects on combating cyber crime, UK MoD research into automated defence, insider threat and secure remote working, and EPSRC-funded research, focusing on the protection of critical national infrastructure against cyber attack. He is a regular keynote speaker and media commentator on cyber security.



## Richard SCHOMBERG

### Panellist

IEC Ambassador for Smart Energy

International Electrotechnical Commission

Richard Schomberg is IEC Ambassador for Smart Energy ([www.IEC.ch](http://www.IEC.ch)). Recipient of the IEC 2011 Lord Kelvin award, he designed multimillion euros complex systems for critical operations. He has been Professor of System Engineering at Supelec (Paris), Chair of the Intelligrid Strategy Committee (Electric Power Research Institute – recipient of the Chauncey Starr Award 2005). He has been member of the Technology Advisory Board of Southern California Edison, emeritus member of the US DoE Gridwise Architecture Council. He had the responsibility of EDF R&D activities in North America (strategic partnerships with scientific/industrial players), sourcing and transferring innovations to EDF Group in Europe. He is currently in charge of strategy and Smart Energy Standardization activities coordination across EDF.



## Dr. Ana TRBOVICH

### Panellist

Co-founder, GridSingularity;

Foundation Council Member, Energy Web Foundation (EWF)

Dr. Ana S. Trbovich is Grid Singularity co-founder and COO. She serves on the board of the Energy Web Foundation and the European Institute for Innovation and Technology (EIT), as well as several NGOs. Dr. Trbovich teaches Entrepreneurship and Strategic Management at FEFA, a leading business school in Belgrade, Serbia, and has consulted on competitiveness and innovation policy for international organizations, including the EU and the World Bank. She has been actively engaged in Serbia's economic reforms and the EU accession process both as a high government official and senior advisor. She holds a PhD and MALD from the Fletcher School, and MPA from Harvard's Kennedy School of Government.



## Stefano BRACCO

### Panellist

Knowledge Manager

EU Agency for the Cooperation of Energy Regulators (ACER)

Mr Stefano Bracco is Knowledge Manager - Team Leader of the Security Team in the Director's Office at Agency for the Cooperation of Energy Regulators. He has been working in EU Institutions/Bodies for the past 20 years, focusing on implementation of policies in different areas. He has been a researcher and co-author of papers published in peer-reviewed international journals or presented at international scientific conferences, covering several topics (Energy, Nuclear Energy, Natural Language Processing and Bio-Informatics). He has an extensive knowledge of energy cybersecurity in and outside Europe. He is chairman and co-chairman of Task Forces focusing on cybersecurity for Energy from a Regulatory perspective and member of the EG2 of the Smart Grid Task Force of the European Commission. He has been studying Computer Science at the University of Rome "La Sapienza". He has been serving the EU Institutions and Bodies around Europe and is actually living in Slovenia, where the Agency is located.

## Session 3. Digital security risks to Transport infrastructure:automated vehicles



**Eva MOLNAR**

**Moderator**

former Director of the Transport Division

United Nations Economic Commission for Europe (UNECE)

At present, independent advisor on sustainable development, infrastructure finance, transport policy, and road safety. Between 2007-2017, she has been working at the United Nations Economic Commission for Europe as director of the Sustainable Transport Division. In this capacity, she offered leadership for the transport work, especially in the development of multilateral regulatory framework for transport and in transformation of the sector towards sustainable development. She has also initiated a number of policy dialogues (e.g. ITS, automated driving) and new projects (e.g. ForFITS model on climate change mitigation, SafeFITS model on road safety policies). Before this, she was the Sector Manager for Transport in the World Bank, responsible for the Europe and Central Asia region and pioneered the first multi-country lending to improve trade and transport facilitation; she was also guest lecturer at the Budapest University of Economics and Technical Sciences; worked as infrastructure and management consultant; and held different senior positions in the Hungarian Transport Ministry. At a time, she was the CEO of Kapos Volan, a road transport company in Hungary; and member of supervisory boards of different transport enterprises, incl. the Austro-Hungarian railways, Raberbahn. Since 2016, she has been the member of the World Economic Forum Global Future Council on Mobility. In 2017, in recognition of her life-long contribution to logistics and freight forwarding, FIATA rewarded her with the title “FIATA Fellow”.



**Gereon MEYER**

**Panellist**

Head of Strategic Projects

VDI/VDE Innovation + Technik

Dr. Gereon Meyer, Head of the Strategic Projects team with the Future Technologies and Europe Department of VDI/VDE Innovation + Technik in Berlin, Germany, earned his Ph.D. in Physics from the Freie Universität Berlin. Before joining VDI/VDE-IT in 2007 he was an Alexander von Humboldt fellow and researcher at Stanford University, Palo Alto, CA (USA), Hitachi Global Storage Technologies, San Jose, CA (USA) and Lawrence Berkeley National Laboratory, Berkeley, CA (USA). At VDI/VDE-IT, he is leading a team of experts in future trends

in transportation and information technologies. Dr. Meyer is the chairman of the Int. Forum on Advanced Microsystems for Automotive Applications, the head of the office of the eNOVA Strategy Board Automobile of the Future in Germany, and the editor of the Springer book series Lecture Notes in Mobility. Dr. Meyer is the Operating Agent for Task 1 “Information Exchange” of the Technology Collaboration Programme Hybrid and Electric Vehicles of the International Energy Agency where he is also in charge of the new Task 29 “Electrified Connected and Automated Vehicles”. Dr. Meyer is a member of the European Commission’s Industrial Advisory Group for the PPP European Green Vehicles Initiative, the Sustainable Transport Forum of the European Commission, and the EU-US-Japan Trilateral Working Group Automated Road Transport. Currently, he is coordinating the EU-funded projects SCOUT on automated driving and Mobility4EU on an action plan for the future of mobility in Europe.



## Sebastian ROHR

### Panellist

CEO

acessec GmbH

Sebastian Rohr is an internationally sought after speaker and expert on Information Security Strategy, Identity & Access Management and Industrial / IoT Security. His clients rely on both his business acumen and his ability to transform Business Requirements into sound Security Solution Architectures. His mandates comprise public institutions such as the World Bank, Interamerican Development Bank (IADB), the Swiss federal agencies as well as the Registro Civil de Ecuador. Besides this, he has defined security strategies for Global Players like Volkswagen, Deutsche Bank, Allianz and Deutsche Post DHL as well as international corporations.

He currently serves as Member of the Advisory Board of eNavik GmbH, Managing Director of accessec GmbH and has recently been assigned as Board Member and CTO of newly founded APIIDA AG.



## Henrik KIERTZNER

### Panellist

Principal Consultant Cybersecurity, SAS

Henrik Kiertzner served in the British Army worldwide for many years, as a linguist and intelligence specialist. Since leaving the Army in 2000, he has been, variously, IT Director of an international engineering consultancy, a security and risk consultant in both real-world and cyber domains and now makes a living discussing and delivering analytics and big data solutions to cybersecurity challenges throughout EMEA. Among his proudest achievements are co-authorship of the security strategy for the London Olympic Park, authorship of a national border security strategy for the last-but-two government of a now failed state, specification and design of a security architecture underpinning an international logistics and transportation organisation and the specification and delivery of a security architecture supporting a NATO nation's newly-deployed battlefield management system. He is a Fellow of the British Computer Society, a Chartered Information Technology Professional, a Member of the Institution of Engineering and a Fellow of the Royal Society for the Promotion of Arts, Manufacturing and Commerce .



## Dimitra LIVERI

### Panellist

Network and Information Security Expert

European Union Agency for Network and Information Security (ENISA)

Dimitra Liveri has been working in ENISA since 2010 as a Networks and Information security expert, focusing on critical information infrastructures protection. In 2015 she launched the topic of eHealth cyber security and since then she is in charge of the eHealth security and resilience work under the Secure Infrastructures and Services unit, a closer approach from the CIIP perspective. On the policy part she is dealing with the wider topic of cyber security strategies on national level and how the member states can enhance security in their network and information systems and CIIs. She holds a BSc and a MSc on Computer Science - with a focus on Information Security and CIIP, from the Athens University of Economics and Business.

## Session 4. Digital security risks to Government and public services



**Stephen DAVIES**

**Moderator**

Strategic Technology Partners

Fireeye

Stephen Davies has worked in IT for over 25 years and has specialised in building partnerships with real value propositions that benefit clients and customers and generate revenue for both partners. He has worked for IBM, Hewlett Packard, EMC and Dell and joined FireEye 4 years ago. He is responsible for Strategic Technology Partners and the Cyber Insurance industry in Europe, Middle East and Africa. He is passionate about how working together Strategic Partnerships can help customers and clients face the Cyber threat particularly when faced with a wide choice of potential technologies to address this threat. In his rare spare time Stephen is a runner and Formula 1 fan.



**Steve CASAPULLA**

**Panellist**

Acting Branch Chief for International Affairs

Office of Cybersecurity and Communications

Department of Homeland Security (DHS), United States

Steve Casapulla is currently the Acting Branch Chief for International Affairs in DHS's Office of Cybersecurity & Communications at the U.S. Department of Homeland Security (DHS). In this capacity, he engages with international stakeholders to foster partnerships and work towards securing the cyber ecosystem, supporting DHS's broader mission to increase resilience and reduce exposure to cyber risks. He also leads and coordinates various initiatives to improve the cybersecurity posture of the United States.

Steve has worked at DHS since 2009 and has held numerous positions within the Office of Cybersecurity and Communications. He has previously served as the Director of the Workforce Operations Office, Director of Continuity Management / Operations and as a Senior Cybersecurity Strategist, reporting directly to the Assistant Secretary and Deputy Assistant Secretary.

He began his federal career with the U.S. Department of State where he served overseas in Iraq, focusing on transportation reconstruction projects and program management. From there Steve transitioned to the U.S. Small Business Administration, where he led disaster recovery and economic outreach projects in the post-Hurricane Katrina environment. Steve is also an

Officer in the U.S. Navy Reserves, having recently been selected for promotion to the rank of Commander (O-5). In the Navy, he has held a variety of command and other leadership assignments, with units involved in civil affairs, mine warfare and special operations. Steve received his undergraduate degree from the U.S. Merchant Marine Academy in Kings Point, NY and has earned graduate degrees from Georgetown University in Washington, D.C. and the U.S. Naval War College in Newport, R.I. He is also a graduate of the Harvard Kennedy School's Senior Executive Fellows Program and a Certified



## Chaetae IM

### Panellist

Senior Researcher

Korea Internet & Security Agency / Korea Internet Security Center (KISC)

Mr. Chaetae Im is a Senior Researcher in the Internet Incidents Response Division of the Korea Internet & Security Agency / Korea Internet Security Center(KISC). His experience includes setting up and running the Cloud Security Certification Program, and development of the Cyber Incidents Monitoring and Response System.



## Johan RAMBI

### Panellist

Corporate Privacy & Security advisor

Alliander

Johan Rambli is Corporate Privacy & Security advisor for the board and is responsible for the development and monitoring of the corporate Privacy & Security policies and guidelines at Alliander. Furthermore Johan supports the organization with Privacy & Data Protection trainings, Privacy & Security (Impact) assessments, requirements and measures in the role of subject matter expert. Johan is active participant in several European expert groups (e.g. Energy Expert Cyber Security Platform, Network and Information Security platform, EG2 Data Protection Impact Assessment template) for the European Commission on Privacy and Cyber Security. As evangelist Johan speaks at conferences in Europe, US and Asia about Privacy, Data Protection, Smart Meter- and Smart Grid Cyber Security. As co-founder Johan launched the European Energy-ISAC (EE-ISAC) in December 2015 to promote international collaboration and information sharing through public private partnership (PPP). With his leadership a formal partnership between the EE-ISAC and the Japanese JE-ISAC has been realized and signed in May 2017. At this moment, Johan is board member of the EE-ISAC and responsible for the marketing and member development. Johan is also faculty member of Webster University in Leiden and instructor of the Master of Science in Cyber Security program. Before Johan joined Alliander, he worked as security architect and consultant in different organizations for the last 20 years.

## Session 5. Whole-of -Government Approaches to Digital Security in Critical Infrastructure and Essential Services

**Peter BURNETT**

**Moderator**

Meridian co-ordinator

Peter is a very experienced independent consultant in Trusted Information Sharing and CIIP Capacity Building. After an extensive IT-based career in UK government, and as a pioneer in the UK's CIIP development he has established a global network and reputation. Since 2010 he has provided consultancy services to UK and international clients including the European Commission, ENISA, RAND-Europe, DG-DEVCO and EEAS.

Building on a varied IT career in UK government since the 1970s, when the UK established its CIIP capability in 1999 Peter was a founder of the NISCC (National Infrastructure Security Coordination Centre), where he was Head of Information Sharing, and managed the UK government CERT. NISCC then evolved into the Centre for the Protection of National Infrastructure (CPNI) where he was responsible for international coordination. He later moved to the Office of Cyber Security and Information Assurance (OCSIA) before he left UK government at the end of 2010.

Peter organised and ran the first ever MERIDIAN CIIP Conference for Government Policy-makers in 2005 and was involved in organising Meridian conferences almost every year since then. After leaving government he was asked to become the Meridian Coordinator, and worked with the UK's FCO and NCSC, and The Netherlands' NCSC-NL, organising each Meridian conference and coordinating and developing the Meridian Community of government CIIP officials around the world. He is a key partner of the GFCE-Meridian CIIP Initiative incorporating various activities including Buddying, Training/Awareness and Research, and he co-authored the GFCE-Meridian CIIP Good Practice Guide and its Companion Document



**Jean-Baptiste DEMAISON**

**Panellist**

Senior Advisor to the External Relations and Coordination Director

Agence Nationale de la Sécurité des Systèmes d'Information (ANSSI), France

Jean-Baptiste Demaison is Senior Advisor to the External Relations and Coordination Director, within the French Cybersecurity Agency (ANSSI). He is as well Chair of the Management Board and Executive Board of the European Network and Information Security Agency (ENISA). Mr. Demaison is also a lecturer at the Paris School of International Affairs (PSIA) at Sciences Po. European and International Cyber Policy Officer at ANSSI from 2011 to 2017, Mr. Demaison previously worked for the Strategic-Research Institute of the French Military Academy (IRSEM) and for the French Ministry of Foreign Affairs in Brussels and in Cairo.

Mr. Demaison holds a Post-Graduate Master's degree in International Affairs and graduated from Sciences Po Toulouse.



## Lucy PURDON

### Panellist

Policy Officer

Privacy International

Lucy is Policy Officer with Privacy International and is responsible for policy development. She leads PI's global policy work on cybersecurity and identity. She works across the organisation and with international partners to develop policy recommendations and positions based on research project findings.

Lucy previously managed the ICT Programme at The Institute for Human Rights and Business, working on the global corporate responsibility to respect privacy and freedom of expression. She was also a documentary producer/director and ran filmmaking courses for young offenders in the UK. Lucy has an MA in Human Rights from ICwS, University of London, and a BA (Hons) Film and Video from the London College of Communications.



## George SHARKOV

### Panellist

Director of ESI Center Eastern Europe

Representative of the European Digital SME Alliance

Dr George Sharkov is an Adviser to the Minister of Defense and served as a National Cyber Security Coordinator for the Bulgarian Government since 2014, also Adviser to the Prime Minister in 2017. He was leading the development of the National Cyber Security Strategy, adopted in 2016. He has PhD in Artificial Intelligence, more than 15 years in software and IT security industry, now Head of a Cyber Resilience Lab and lecturer at 3 universities.



## Christopher BOYER

### Panellist

Assistant Vice President of Global Public Policy

AT&T Services, Inc.

Chris Boyer is Assistant Vice President of Global Public Policy at AT&T Services, Inc., where he is responsible for the company's policy positions and advocacy related to cybersecurity and national security. Mr. Boyer works closely with the AT&T Chief Security Office (CSO) and AT&T Technology and Operations (ATO) to develop strategies to address policy issues at the intersection of emerging technology, cybersecurity and national security. He also represents AT&T before Congress, DHS, FCC, Department of Commerce, Department of State, the White House and other agencies on cybersecurity and national security matters.

Mr. Boyer serves as AT&T's Point of Contact and represents AT&T's Executive Member with the National Security Telecommunications Advisory Council (NSTAC), a Federal advisory committee tasked with advising the President on matters of National Security and Emergency Preparedness (NS/EP). Boyer also serves as Chairman of the Information Security and Privacy Advisory Board (ISPAB), a Federal advisory committee responsible for identifying emerging managerial, technical, administrative, and physical safeguard issues related to information security and privacy for Federal agencies. He is also Chair of the cybersecurity committee of the Communications Sector Coordinating Council (CSCC) which conducts joint planning on behalf of the communications industry with the U.S. Department of Homeland Security (DHS).

In his nearly 25-year career with AT&T Mr. Boyer has performed a variety of roles. Prior to his current assignment Boyer was AT&T's policy lead in California working with the high-tech community in Silicon Valley and he has held positions in the company's corporate public policy, network planning and engineering, product marketing and network services departments, including extensive experience regarding AT&T's video products and services, broadband internet access, Voice over IP and other emerging technologies and services.

Boyer received a B.S. in business administration from the University of Kansas and holds an M.B.A. from the University of Houston.



## Henry YOUNG

### Panellist

Senior Technology Policy Advisor

National Institute of Standards and Technology, US Department of Commerce

Henry Young is a Senior Technology Policy Advisor at the National Institute of Standards and Technology (NIST), a bureau of the United States 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 systems 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) and lawful access to encrypted data. 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.

## Rapporteur of the Workshop



**Benjamin DEAN**

**Panellist**

Consultant

OECD Directorate of Science, Technology and Innovation

Benjamin C. Dean works at the intersection of technology, economics and public policy. Mr. Dean presently contributes to an initiative to develop business digital risk management metrics at the Organisation for Economic Co-operation and Development's (OECD) Working Party on Security and Privacy in the Digital Economy. He recently contributed a paper to inform the European Parliament on the economic implications of EU-US cooperation in cybersecurity and cybercrime.

Through Iconoclast Tech LLC, Mr. Dean develops cyber risk models for clients in the insurance and reinsurance industry. He is on the Advisory Board for Enterprises intangible Risk Management via Economic models based on simulation of modern cyber attacks (Hermeneut), which is a European Union Horizon 2020 research and innovation project focusing on economics of cyber security. He is also a Fellow at the Center for Democracy and Technology in Washington DC.

Previously, Mr. Dean was a fellow for cybersecurity at Columbia University and a policy analyst at the OECD. Mr. Dean completed a MA International Affairs at Columbia University's School of International and Public Affairs. He is also a graduate of the University of Sydney with a BA Economics and Social Sciences (Hons.)