



# CANON | Canadian Anonymization Network

COVID-19 Mini-Summit – June 17, 2020, 10:00am - 1:00pm

<https://hopin.to/events/canon-covid-19-minisummit>

## About the Mini-Summit

In jurisdictions around the world, automated contact tracing is being considered as an element of COVID-19 recovery efforts. However, in many regions these efforts are being met with resistance, with significant questions being raised around surveillance, privacy, and even the efficacy of such systems.

This Mini-Summit, the first hosted by the Canadian Anonymization Network (CANON), will use automated contact tracing to reflect on the kinds of considerations that any organization seeking to deploy de-identification, differential privacy, synthetic data, or similar privacy-enhancing technologies must keep front of mind.

## Schedule (at a glance)

### **10:00am – 10:15am: Opening Remarks**

**Patricia Kosseim** – Incoming Ontario Information and Privacy Commissioner

### **10:15am – 11:15am: Contact Tracing in Canada and Abroad**

**Pollyanna Sanderson** – Policy Counsel, Future of Privacy Forum

**Dan Bogdanov** – Head of the Department of Information Security Systems, Cybernetica (Estonia)

**Khaled El-Emam** (Moderator) – Senior Scientist, Children's Hospital of Eastern Ontario Research Institute; Director, Replica Analytics; Director, Canadian Anonymization Network

### **11:15am – 12:15pm: Privacy and Other Considerations for Contact Tracing**

**Teresa Scassa** – Canada Research Chair in Information Law and Policy, University of Ottawa Faculty of Law

**Haksoo Ko** – Professor, Seoul National University School of Law (South Korea)

**Suzanne Morin** (Moderator) – Vice President, Enterprise Services Compliance & Chief Privacy Officer, Sun Life Financial; CANON Steering Group Member

### **12:15pm – 1:00pm: Regulator Comments and Response**

**Jill Clayton** – Information and Privacy Commissioner of Alberta

**Giuseppe D'Acquisto** – Senior Technology Advisor, Italian Data Protection Authority (the Garante)

**Ann Cavoukian** – Executive Director, Global Privacy & Security by Design Centre; former three-term Ontario Information and Privacy Commissioner

**Adam Kardash** (Moderator) – Co-Lead, Access Privacy by Osler; Director, Canadian Anonymization Network



# Sessions

Note: Session descriptions are subject to change.

## Session 1: Contact Tracing in Canada and Abroad

Contact tracing is being developed and rolled-out in jurisdictions around the world; in this session, panelists will discuss the approaches taken by a range of jurisdictions to address potential privacy and de-identification issues, the challenges that have been encountered, and the important lessons to be learned. This session will also introduce many of the options currently available for automated contact tracing systems – centralized vs. de-centralized; GPS vs. Bluetooth; availability of aggregate vs. other forms of data – and the pros and cons of each.

## Session 2: Privacy and Other Considerations for Contact Tracing

Though posited as an important tool in the fight against COVID-19, automated contact tracing is highly polarizing. Questions have arisen with respect to the effectiveness of the approach, whether sufficient adoption is likely for an optional tracing system, whether such a system may exacerbate existing inequalities, and whether this sets a problematic precedent for citizen surveillance. This session will explore a range of privacy and other considerations associated with automated contact tracing, making clear that when seeking to use or share data for good more than just technical protections must be considered.

## Session 3: Regulator Comments and Response

From the start, Data Protection Authorities have played a central role in the debate around the use and design of automated contact tracing systems. For instance, in May 2020, a [joint statement](#) was issued by Canada's Federal, Provincial and Territorial Privacy Commissioners which set out privacy principles for contact tracing and similar apps. In addition to policy, many Data Protection Authorities have been directly involved in the review of automated contact tracing apps within their jurisdictions (including both of the DPAs represented on this panel). In this Panel, speakers reflect on their experiences and provide guidance for those organizations undertaking similar efforts in the future.



## Speakers

### Dan Bogdanov



Dr. Dan Bogdanov met his first significant privacy challenges while working with the data collection systems of the Estonian Genome Foundation. This pain inspired him to start researching cryptographic solutions for privacy problems. He is the inventor of Sharemind, a secure multi-party computation system for collecting, sharing and processing private data. Sharemind is a new kind of computer that analyses digital data without seeing the individual values. This achieves beyond-the-state-of-the-art data protection, as has been demonstrated in various applications processing tax, education, genomic and financial data.

Dr. Bogdanov has been a research team lead for multiple privacy technology research projects with the United States DARPA, European FP7 and Horizon 2020. He is the co-author of the ISO/IEC 29101 standard on the architecture of privacy-preserving systems and the ISO/IEC 19592 standard on secret sharing. Today, Dan leads the Department of Privacy Technologies at Cybernetica, an Estonian company creating information security, e-Governance and maritime security solutions. During the COVID-19 crisis, Dan has actively contributed to the development of solutions that support governments fight the pandemic in a Privacy-by-Design manner.

### Ann Cavoukian



Dr. Ann Cavoukian is recognized as one of the world's leading privacy experts. Dr. Cavoukian served an unprecedented three terms as the Information & Privacy Commissioner of Ontario, Canada. There she created Privacy by Design, a framework that seeks to proactively embed privacy into the design specifications of information technologies, networked infrastructure and business practices, thereby achieving the strongest protection possible. In 2010, International Privacy Regulators unanimously passed a Resolution recognizing Privacy by Design as an International Standard. Since then, PbD has been translated into 40 languages! In 2018, PbD was included in a sweeping new law in the EU: the General Data Protection Regulation.

Dr. Cavoukian is now the Executive Director of the Global Privacy & Security by Design Centre. She is also a Senior Fellow of the Ted Rogers Leadership Centre at Ryerson University, and a Faculty Fellow of the Center for Law, Science & Innovation at the Sandra Day O'Connor College of Law at Arizona State University.



## Jill Clayton



Jill Clayton was appointed Alberta's Information and Privacy Commissioner in 2012, and re-appointed to a second five-year term in 2017.

Jill worked as a privacy consultant in the health care, oil and gas, telecommunications and non-profit sectors before joining the Office of the Information and Privacy Commissioner in 2004. As Director and then Assistant Commissioner, Jill was primarily responsible for oversight of the Personal Information Protection Act, Alberta's private sector privacy law. In particular, she developed the office's procedures and decision-making processes for mandatory breach reporting and notification in the private sector, which came into force in 2010.

As Commissioner, Jill has a dual mandate involving access to information and privacy rights and responsibilities.

On the access to information side, Jill has focused on reducing delays in access to information responses, advocating for a culture that supports transparency as a cornerstone to a strong democracy, and ensuring that effective records management programs are in place to support the proper functioning of Alberta's access to information laws.

On the privacy side, Jill has focused on prioritizing and promoting accountability in data governance, transparency through privacy breach notification, promoting knowledge about privacy rights in Alberta's education system, and, more recently, ethical assessments in tech innovations that involve the collection, use or disclosure of personal or health information.

## Giuseppe D'Acquisto



Giuseppe D'Acquisto is Senior Technology Advisor for the Italian Data Protection Authority (the Garante). He represents the Garante within the Technology Expert Subgroup of the European Data Protection Board, being rapporteur in various opinions and working documents (e.g. anonymization techniques, cloud computing, collaborative intelligent transport systems, e-privacy GDPR interplay). He has been appointed national expert by the European Union Agency for Network and Information Security (ENISA) in the development of guidelines for Privacy by design in Big Data and of guidelines for personal data security risk assessment, and by the European Medicines Agency (EMA) in the implementation of a policy for the anonymization of clinical data records. He holds a full degree in electronic engineering and a PhD in computer science.



## Haksoo Ko



Haksoo Ko is a Professor of Law at Seoul National University School of Law in Seoul, Korea. He teaches areas in Law and Economics as well as in Data Privacy and Artificial Intelligence Law. He regularly sits on various advisory boards and committees for the Korean government, legislature, and judiciary. He currently serves as President of Asian Law and Economics Association; President of Korean Association for AI and Law; Director of SNU Asia-Pacific Law Institute; and Associate Director of SNU AI Institute. In 2017, he launched SNU AI Policy Initiative and currently serves as its co-director. He holds degrees in law and economics (JD/PhD) from Columbia University, USA.

## Patricia Kosseim



In April 2020, Patricia Kosseim was appointed to a five-year term as the Information and Privacy Commissioner of Ontario, beginning on July 1, 2020.

Prior to this, in her role as Co-Lead of AccessPrivacy by Osler – and as a national thought leader on emerging privacy issues, Patricia brought a broad policy perspective to her role in guiding clients through the complex web of provincial, federal and international privacy laws and directional trends impacting the Canadian marketplace. As former Senior General Counsel at the Office of the Privacy

Commissioner of Canada (OPC), she has extensive privacy regulatory experience, with a deep appreciation for the real data governance challenges facing businesses, governments and public sector institutions in a fast-changing environment of disruptive technologies.

Patricia has played a key role in advancing and shaping privacy law, having litigated major cases before the courts, advised on seminal privacy investigations, appeared before Parliament Committee on significant legislative bills, and developed practical regulatory guidance on a wide range of privacy and access issues. She has also published and spoken extensively on matters of privacy, health law and ethics. With her strategic legal insights and deep policy knowledge, Patricia equips others to better understand, anticipate and address privacy risks in order to enable responsible and sustainable innovation.

Patricia is a member of the Law Society of Ontario and the Barreau du Québec.

## Pollyanna Sanderson



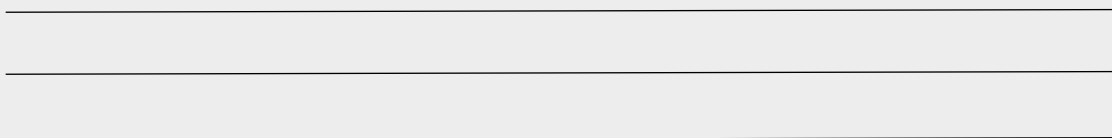
Pollyanna Sanderson is a Policy Counsel at Future of Privacy Forum. Her work focused on US privacy legislation at the federal and state level. Recently, her focus has moved more towards the privacy implications of the pandemic, in particular contact tracing & exposure notification apps, COVID-19 privacy legislation, and virtual collaboration software. Previously, Polly sat as the Google Public Policy Fellow at the National Consumers League. There, she worked on developing a pro-consumer approach to privacy legislation in the United States.



## Teresa Scassa



Dr. Teresa Scassa is the Canada Research Chair in Information Law and Policy at the University of Ottawa, Faculty of Law. She is Chair of the Canadian Statistics Advisory Council, member of the Digital Strategy Advisory Panel for Waterfront Toronto, and member of the Canadian Advisory Council on Artificial Intelligence. She is a member of the GEOTHINK research partnership, and has written widely in the areas of intellectual property law, law and technology, and privacy. Teresa Scassa is also a senior fellow with CIGI's International Law Research Program.



## About CANON

The Canadian Anonymization Network, or CANON, is a not-for-profit corporation whose members include large Canadian data custodians from across the public, private and health sectors. Our primary purpose is to promote de-identification and associated privacy-enhancing technologies (such as differential privacy and synthetic data) as privacy-respectful means of supporting innovation and leveraging data for socially- and economically-beneficial purposes.

By establishing robust standards for de-identification, including a technology- and sector-neutral framework or Code of Practice, CANON seeks to increase the public's confidence and trust in de-identification as a means of supporting responsible data use and sharing, and to enable organizations to respect the privacy of individuals while preserving the utility of data.

CANON's objectives, deliverables, and key success indicators are available online at: [deidentify.ca/objectives/](https://deidentify.ca/objectives/)

For further information, or to request membership, contact: [info@deidentify.ca](mailto:info@deidentify.ca)

Thank you to our Steering Group:

