

BRUSSELS PRIVACY SYMPOSIUM

IDENTIFIABILITY: POLICY AND PRACTICAL SOLUTIONS FOR ANONYMIZATION AND PSEUDONYMIZATION

Presented by



Speaker Bios



Daniel C. Barth-Jones, Ph.D.

*Assistant Professor of Clinical Epidemiology
Mailman School of Public Health, Columbia University*

Daniel Barth-Jones, PHD, MPH, is an infectious disease epidemiologist who specializes in computer simulation of the transmission and public health control of HIV and other infectious disease epidemics. His primary research interests include the epidemiology of HIV and sexually transmitted diseases, theoretical population vaccinology, Phase III HIV vaccine trial design, and health economic evaluations of public health policies for vaccination and preventative intervention programs.

Iain Bourne

*Group Manager (Policy Delivery)
UK Information Commissioners Office*

Iain joined the Information Commissioner's office in 1996. During his time with the Commissioner he has dealt with a wide range of areas, including health service compliance, new technologies, international issues and privacy at work. Iain worked on the freedom of information side of the Commissioner's office, before moving back to data protection in 2006 to deal with information-sharing policy. Iain worked on the recently published personal information online and data sharing codes of practice. Iain has moved recently into the ICO's newly formed Policy Delivery Department, looking at the way ICO develops and explains its policy lines.



Claude Castelluccia

*Senior Research Scientist
Institut national de recherche en informatique et en automatique (INRIA)*

Claude Castelluccia leads the PRIVATICS team (Privacy Models, Architectures and Tools) for the Information Society, where the goals of the PRIVATICS team are to study the new privacy threats introduced by the information society and design privacy-preserving solutions to prevent or at least mitigate them. The project follows a multidisciplinary approach. It focuses on technical and scientific problems, but also considers the economical, legal and social aspects of privacy. Claude has held visiting research positions at UC Irvine and Stanford University, USA.

Mathias Cellarius

*Data Protection Officer, Head of Regulatory and Processes
SAP*

Mathias Cellarius studied law at the University of Freiburg, Germany. He joined SAP in 2005 and has been working in the legal department since then. Since 2013, he has been heading a new team within SAP AG Global Legal focusing on regulatory matters and their impacts on SAP's current and future business models. Additionally, he has become SAP's Data Protection Officer and heads SAP's Data Protection and Privacy Office.

**Gemma G. Clavell**

*Director
Eticas Research and Consulting*

Dr. Gemma Galdon Clavell is a policy analyst working on surveillance, the social, legal and ethical impact of technology, smart cities, privacy, security policy, resilience and policing. She is a founding partner at Eticas Research & Consulting and a researcher at the Universitat de Barcelona's Sociology Department. She completed her PhD on surveillance, security and urban policy in early 2012 at the Universitat Autònoma de Barcelona.

Mark Elliot

*Chair of Data Science, School of Social Sciences
University of Manchester*

Mark Elliot has worked at the University of Manchester since 1996, where he currently holds a chair in data science. His research is focused on the topics of data privacy and anonymisation. He founded the internationally recognised Confidentiality and Privacy Research Group (CAPRI) in 2002, and has run numerous research projects within the CAPRI remit.

**Dr. Khaled El Emam**

*Director, Real World Evidence Solutions
Privacy Analytics*

Dr. Khaled El Emam is the founder of Privacy Analytics, Inc. Khaled helped found five companies involved with data management and data analytics. He has worked in technical and management positions in academic and business settings in England, Scotland and Japan. Khaled is also a senior scientist at the Children's Hospital of Eastern Ontario (CHEO) Research Institute and Director of the multi-disciplinary Electronic Health Information Laboratory (EHIL) team, conducting academic research on de-identification and re-identification risk.

Mike Hintze

Partner

Hintze Law

Mike Hintze is a partner at Hintze Law PLLC and a recognized leader in privacy and data protection law, policy, and strategy. He was previously Chief Privacy Counsel at Microsoft, where, for over 18 years, he advised on data protection compliance globally, and helped lead the company's strategic initiatives on privacy differentiation and public policy. Mike also teaches privacy law at the University of Washington School of Law, serves as an advisor to the American Law Institute's project on Information Privacy Principles, and is on the Educational Advisory Board of the International Association of Privacy Professionals.

**Dr. Nicola Jentzsch**

German Institute for Economic Research

DIW Berlin



Dr. Nicola Jentzsch is Senior Associate at the DIW Berlin. Her main interests are the economics of cyber security and privacy and risk supervision in banking (credit reporting). In her research, she focuses on industrial organization, mechanism design and market failures with relation to the aforementioned fields. She published a book on financial privacy, *Financial Privacy - An International Comparison of Credit Reporting Systems*, Springer-Verlag, which has been translated into Chinese. Prior to DIW Berlin, Dr. Jentzsch taught at the Department of Economics of the Free University of Berlin and has been a Research Fellow at Yale University.

Dr. Waltraut Kotschy

Director of Data Protection Compliance Consulting EU

Former Austrian Data Protection Commissioner

Dr. Kotschy is Chairwoman of Austrian Data Protection Commission. A graduate in law from the University of Vienna and in economics from the University of Economics in Vienna, she worked as an assistant professor at the Public Law Institute. In the 1970's, Dr. Kotschy embarked on a distinguished career in data protection in the Austrian Federal Chancellery, serving since 1993 as Austria's senior data protection official.

**Dr. Christophe Kuner**

Senior Privacy Counsel

Privacy and Data Protection

Dr. Christopher Kuner is Senior Privacy Counsel in the Brussels office of Wilson Sonsini Goodrich & Rosati, where his practice focuses on European and international data protection and privacy compliance. Christopher has represented clients in their dealings with the European Commission, the Article 29 Working Party, and European and national data protection authorities. He also successfully negotiated the European Commission's landmark adequacy decisions regarding the standard contractual clauses for controller-to-controller and controller-to-processor transfers, and has drafted a binding corporate rules (BCRs) application checklist approved by the Article 29 Working Party.

Orit Levin

*Principal Program Manager and Standards Professional
Microsoft*

Orit Levin's experience spans software development, people management, and standardization activities across a broad range of networking technologies. In ETSI/TISPAN, Ms. Levin served as Rapporteur for TR 181 020, which identifies emerging requirements for exposing NGN services and capabilities and evaluates existing technologies (such as Web services) against those requirements.

Ms. Levin has been actively engaged in the IPTV Interoperability Forum (IIF) in ATIS since January 2006 and is an editor of several published and draft specifications.

**Dr. Elaine Mackey**

*Research Associate, School of Social Sciences
University of Manchester*

Elaine Mackey is a well-established researcher into the broader aspects of statistical confidentiality where the statistical, data management and social policy meet. Her PhD demonstrated the value of using game theory to map disclosure attack scenarios. She is a key member of the UK Anonymization Network, which is a collaboration between the Universities of Manchester and Southampton, the Office for National Statistics and the Open Data Institute. The network provides advice and support to anyone who handles personal data and needs to share it. She recently co-authored a book on anonymization, *The Anonymisation Decision-making Framework*, with Mark Elliot, Kieron O'Hara, and Caroline Tudor.

Moni Naor

*Technical Solutions Professor, the Judith Kleeman, Professorial Chair
in the Department of Computer Science and Applied Mathematics
Weizmann Institute of Science*

Moni Naor is an Israeli computer scientist, currently a professor at the Weizmann Institute of Science. Naor received his Ph.D. in 1989 at the University of California, Berkeley. He works in various fields of computer science, mainly the foundations of cryptography. He is notable for research on public key systems, creating non-malleable cryptography, visual cryptography (with Adi Shamir), and suggesting various methods for verifying that users of a computer system are human (leading to the notion of CAPTCHA).

**Paul Nemitz**

*Director, Fundamental Rights and Citizenship
DG Justice, European Commission*

Paul F. Nemitz is the Director for Fundamental rights and Union citizenship in the Directorate General for Justice of the European Commission. The Free movement of people in Europe, Data protection and Children's rights are also key responsibilities of his Directorate. Before joining DG Justice, Nemitz held posts in the Legal Service of the European Commission, the Cabinet of the Commissioner for Development Cooperation and in the Directorates General for Trade, Transport and Maritime Affairs.

Jules Polonetsky*CEO**Future of Privacy Forum*

Jules serves as CEO of the Future of Privacy Forum, a Washington, D.C.-based think tank that seeks to advance responsible data practices. FPF is supported by the chief privacy officers of more than 110 leading companies, several foundations, as well as by an advisory board comprised of the country's leading academics and advocates. FPF's current projects focus on Big Data, Mobile, Location, Apps, the Internet of Things, Wearables, De-Identification, Connected Cars and Student Privacy.

**Alessandro Spina***Data Protection Officer**European Medicines Agency*

Alessandro Spina is the Data Protection Officer of the European Medicines Agency (EMA) and a Member of its Legal Department since 2009. Prior to joining EMA, he worked in private practice and in academia. He is a dual qualified Italian and English lawyer and has appeared before the Court of Justice in actions concerning transparency of clinical trial information. Alessandro holds a law degree cum laude from the University of Siena, LLM (M.Jur.) from the University of Oxford and PhD in law and economics from the University of Siena where he discussed a thesis on EU administrative law and regulation of pharmaceuticals.

Dr. Sophie Stalla-Bourdillon*Associate Professor**Southampton Law School, University of Southampton*

Dr. Sophie Stalla-Bourdillon is Associate Professor in Information Technology / Intellectual Property Law at the University of Southampton, specializing in Information Technology related issues. She is the Director of ILAWS, the Institute for Law and the Web and its new core iCLIC. She is a member of the Southampton Cybersecurity Centre of Excellence as well as a member of the Web Science Institute. Sophie is the author of several legal articles, book chapters and books on intermediary liability, data protection and privacy, information security and intellectual property.





Omer Tene
Senior Fellow
Future of Privacy Forum

Omer Tene is Managing Director of Tene & Associates and Deputy Dean of the College of Management School of Law, Rishon Le Zion, Israel (on a leave of absence). He is an Affiliate Scholar at the Stanford Center for Internet and Society; and a Senior Fellow at the Future of Privacy Forum.

Dr. Claus D. Ulmer
Senior Vice President and Global Data Privacy Officer,
Deutsche Telekom AG

Dr. Claus D. Ulmer studied law in Germany, with a period of practical studies in Haifa, Israel. From 1993 to 1999 he worked for a law firm in Stuttgart, Germany. From 1999 to 2002, Dr. Ulmer was a legal adviser with international responsibilities at debis Systemhaus GmbH, a Daimler subsidiary, before he took over the function of Data Protection Officer for the whole debis Systemhaus Group.



Alexandra Wood
Legal Fellow
Berkman Klein Center for Internet & Society, Harvard University

Alexandra Wood is a Berkman Center fellow contributing to the Privacy Tools for Sharing Research Data project. Her research involves exploring new and existing legal and regulatory frameworks for data privacy and developing legal instruments to facilitate the sharing and use of research data while preserving privacy, transparency, and accountability. Alexandra holds a law degree from George Washington University Law School, a master's degree in public policy from the University of Southern California, and a bachelor's degree in economics from Reed College.