

IPEN - The Internet Privacy Engineering Network

Workshop: Engineering Privacy into Internet Services and Applications

26 September 2014, Berlin State Parliament, Berlin

SPEAKER BIOGRAPHIES



Massimo ATTORESI joined the IT Policy sector of the European Data Protection Supervisor as a Technology and Security Officer in October 2012. He works on data protection technology and policy issues including the Internet, communications, cloud computing, mobile apps, energy, privacy by design and data protection impact assessments. He graduated as Electronic Engineer at the Marche Polytechnic University (Italy). After some years in the private telecommunications and software sector he joined the European Anti-fraud Office (OLAF) and then from 2007 to 2012 he worked as Data Protection Coordinator and Local Informatics Security Officer at the Direction General Employment and Social Affairs of the European Commission.



Stefan BURGMAIR is a German student at the Munich University of Applied Sciences. After he gained his B.Sc. title in Information Systems and Management he now writes his Master Thesis about the “Top 10 Privacy Risks for Web Applications” at msg systems. Together with his advisor Florian Stahl, he is managing the OWASP Top 10 Privacy Risks Project.



Dr. George DANEZIS, B.A, M.A (Cantab), Ph.D

George Danezis is a Reader in Security and Privacy Engineering at the Department of Computer Science of University College London. He has been working on anonymous communications, privacy enhancing technologies (PET), and traffic analysis since 2000. He has previously been a researcher for Microsoft Research, Cambridge; a visiting fellow at K.U.Leuven (Belgium); and a research associate at the University of Cambridge (UK), where he also completed his doctoral dissertation under the supervision of Prof. R.J. Anderson.

His theoretical contributions to the PET field include the established information theoretic metric for anonymity and pioneering the study of statistical attacks against anonymity systems. On the practical side he is one of the lead designers of the anonymous mail system Mixminion, and has worked on the traffic analysis of deployed protocols such as Tor.

His current research interests focus around smart grid privacy, peer-to-peer and social network security, as well as the application of machine learning techniques to security problems. He has published over 50 peer-reviewed scientific papers on these topics in international conferences and journals.

He was the co-program chair of ACM Computer and Communications Security Conference in 2011 and 2012, IFCA Financial Cryptography and Data Security in 2011, the Privacy Enhancing Technologies Workshop in 2005 and 2006. He sits on the PET Symposium board and he regularly serves in program committees of leading conferences in the field of privacy and security.



Frank DAWSON Currently the Director, Privacy Compliance, in Nokia's Technologies business. Frank's roles include duties of the privacy officer for the Technologies business, providing technology support to Nokia's Global Privacy Counsel, representing Nokia in industry information privacy standards development.

Frank has over 25 years of software design and development experience, with the last 14 years in the mobile industry. Frank is an evangelist for Privacy by Design and an advocate for the emerging

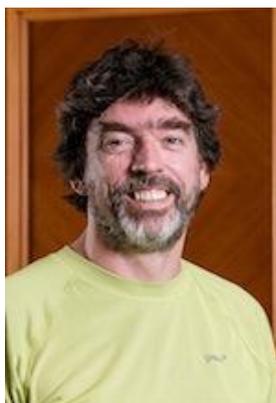
Privacy Engineering discipline.

Frank has a MSEE from University of Missouri-Columbia, Missouri/US and holds a CIPP/IT certification from International Association of Privacy Professionals, a PMP certification from Project Management Institute.



Dr. Alexander DIX, LL.M. is Berlin Commissioner for Data Protection and Freedom of Information. Before being elected by the Berlin State Parliament in 2005 he served for seven years in the equivalent office in the neighbouring State of Brandenburg. He is an expert in telecommunications privacy, transborder data flows and freedom of information. He chairs the International Working Group on Data Protection in Telecommunications and was one of the co-founders of the European Academy on Freedom

of Information and Data Protection in Berlin in 2002. Alexander Dix studied at Bochum and Hamburg University and at the London School of Economics and Political Science.



Dr. Stephen FARRELL is a research fellow in the school of Computer Science and Statistics at Trinity College Dublin, where he teaches and researches on security and delay/disruption-tolerant networking (DTN). Stephen has been involved in Internet standards for more than a decade and half; and previously co-chaired the IETF DKIM and SACRED working groups, and the W3C XKMS working group. Stephen continues to co-chair the IRTF Delay Tolerant Networking Research Group. Stephen is also a founder of Tolerant Networks Limited a TCD campus company offering DTN consulting and support. Stephen is funded to work as security area director via an EU FP7 project called STREWS.



Marit HANSEN, Dipl.-Inform. is Deputy Privacy & Information Commissioner of Land Schleswig-Holstein, Germany, and Deputy Chief of Unabhängiges Landeszentrum für Datenschutz (ULD). Within ULD she is in charge of the “Privacy Technology Projects” Division and the “Innovation Centre Privacy & Security”. Since her diploma in computer science in 1995 she has been working on privacy and security aspects especially concerning anonymity, pseudonymity, identities management, biometrics, multilateral security, privacy by design and privacy by default from both the technical and the legal perspectives. In several projects she and her team actively participate in system design in order to support privacy technologies and give feedback on legislation.



Dr. Jaap-Henk HOEPMAN studied computer science at the Rijksuniversiteit Groningen, the Netherlands, and obtained his PhD at the University of Amsterdam based on work done at the Centre for Mathematics and Computer Science (CWI). For several years he worked for the security group of KPN Research, the research division of one of the main Dutch telcos. He then returned to academia as an assistant professor at the Faculty of Computer Science of the University of Twente. From 2006 to 2013 he was senior scientist in the security group of TNO ICT, Groningen. Currently he is an associate professor at the Institute for Computing and Information Sciences of the Radboud University Nijmegen. He is also scientific director of the Privacy and Identity Lab. His research interests focus on privacy by design, and privacy friendly protocols for identity management and the Internet of Things. He also maintain a blog covering his research and activities.



Peter J. HUSTINX has been European Data Protection Supervisor since January 2004 and was re-appointed by the European Parliament and the Council in January 2009 for a second term of five years. He is currently still in office until a successor has been appointed. He has been closely involved in the development of data protection law from the start, both at national and at international level. Before entering his office, Mr. Hustinx was President of the Dutch Data Protection Authority since 1991. From 1996 until 2000 he was Chairman of the Article 29 Working Party. He received law degrees in Nijmegen, the Netherlands, and in Ann Arbor, USA. Since 1986 he has been deputy judge in the Court of Appeal in Amsterdam.



Achim KLABUNDE is the head of the IT Policy Sector at the secretariat of the European Data Protection Supervisor. Before joining the EDPS, he was a policy officer at the European Commission, in the data protection unit of the Directorate General for Justice and before that in DG Information Society and Media where he led the team in charge of privacy and trust policy for electronic communications for the 2009 Telecom Reform process.

Before joining the EU administration, he had worked in the private sector for 15 years. Achim Klabunde has a master's degree in Computer Science and Communications Research from Bonn University. He has worked in data management, network planning, data protection and IT security.



Jens KUBIEZIEL studied mathematics and worked in the investment banking branch of a German bank. He also was responsible for education and training of internal and external customers. Later, Kubieziel decided to put IT more into his focus. Now he works as external data protection officer and senior security consultant in Jena, Germany. One semester per year he teaches the university course in IT security and is the author of the book »Anonym in Netz«. Furthermore, Kubieziel is a board member of Zwiebelfreunde e.V., the association which runs TorServers.net.

Ultan O'CARROLL

Assistant Commissioner, Office of the Data Protection Commissioner

As technology advisor to the Commissioner since early 2013, he joined from 22 years of private employment in the UK and Ireland as software and systems designer. Ultan worked in Search, Advertising and Content Management for global and European companies. Prior to joining the Commissioners office, Ultan was self employed working on a multi-tenant location based web service making use of Linked-Data and Semantic Web technologies. Security and data processing here and in other positions led him to his current role at the Data Protection Commissioner's Office where he is involved daily in local jurisdictional issues, EU Article 29 Technology Subgroup discussions, technology audits within Ireland and policy development on many matters, including BigData.



Stéphane PETITCOLAS is in charge of the CNIL's research laboratory, I am specialize in the study of tracking and identification technologies used on internet. In particular, I worked with Inria on project mobilitics , which is a project to better known the use of personal data in a smartphone. I also developed a software named CookieViz, which allows you to view in real-time the exposure of a user to the tracking phenomenon based on cookies.



Dr. Simon RICE is Principal Policy Adviser (Technology). Simon Rice became the Principal Policy Adviser (Technology) at the ICO in February 2011, with responsibility to lead and develop the technical and information security expertise within the office. Simon achieves this by advising on the technical aspects of complaints received and data breach investigations. He also monitors the technology environment to identify the developments which may impact on information rights.

Between 2005 and 2011, Simon was a database and software developer at the Health and Safety Laboratory, the principal source of scientific support for the Health and Safety Executive.

Prior to joining the Health and Safety Laboratory, Simon studied for his PhD at the university of Manchester in the field of data mining. His research utilised a range of machine learning techniques to extract information from large collections of numeric and textual data.



Peter SCHAAR: Chairman of the European Academy for Freedom of Information and Data Protection (EAID), former German Federal Commissioner for Data Protection and Freedom of Information

Mr. Schaar was born in Berlin in 1954 and has a degree in Economics. From 1980 to 1986 he worked in various functions in the city administration of Hamburg. From 1986 to 2002 he was employed in the office of Hamburg's Data Protection

Commissioner, initially as the head of the technology unit and later as deputy commissioner. From 2002 to 2003 he was the managing director of a consulting company for data protection. From 2003 to 2013 he was the Federal Commissioner for Data Protection and Freedom of Information. He also currently works as guest lecturer at the University of Hamburg.

Awards: Prize of the Friedrich-Ebert-Foundation "Das politische Buch 2008" ("The Political Book 2008") for the book Das Ende der Privatsphäre (The End of Privacy); "eco Internet AWARD 2008", the special award of the Association of the German Internet Industry; German Data Protection Award of the German Association for Data Protection and Data Security (GDD) 2013, "Louis D. Brandeis Privacy Award" of US Patients Privacy Rights (2014).



Florian STAHL is a German security and privacy consultant and evangelist. He achieved his master's with honors in information systems science at the University of Regensburg in Germany and his master's in computer science at Växjö Universitet in Sweden. Florian started his professional career at the Swedish security software vendor Cryptzone in Gothenburg in 2006. He came back to Germany in 2009 and worked as consultant for Ernst & Young in Munich before moving on to msg systems where he currently holds the position as Lead Consultant. His aim is to follow a holistic approach by combining technical, organisational and social measures to protect information.

Florian has CISSP and CIPP/IT certifications and leads the OWASP Top 10 Privacy Risks Project.



Hannes TSCHOFENIG lives in Hall in Tirol / Austria and is employed by ARM Limited, a company known for their widely used low-power

microprocessors found in tablets, mobile phones, and embedded devices. Prior employers include the European Data Protection Supervisor, Nokia/Nokia Solutions and Networks, and Siemens. His work life focused on developing global standards to make the Internet work better. He has been active in one of the leading Internet standards developing organizations, the Internet Engineering Task Force (IETF), for the past 10+ years and has contributed to more than 50 RFCs on security, privacy, and emergency services.

Hannes co-chaired the IETF “Provisioning of Symmetric Keys” and the “Diameter Maintenance and Extensions” working groups, i.e., two security groups, and currently he co-chairs two other security working groups, namely the “Web Authorization Protocol” (OAuth) and “Authentication and Authorization for Constrained Environments” (ACE) working groups. OAuth is a solution for secure and privacy-friendly data sharing on the Internet and ACE is focused on improving security for Internet of Things deployments.

For the past four years Hannes was a member of the Internet Architecture Board (IAB), a committee of the IETF. Recently, has was appointed the vice-chair of the FIDO Alliance Privacy and Public Policy Working Group. The FIDO (Fast IDentity Online) Alliance aims to change the nature of authentication on the Web by developing specifications that reduce the reliance on passwords.



Rob VAN EIJK works for the Dutch Data Protection Authority as Internet Technologist. He represents the Dutch DPA in international meetings such as the Technology Subgroup of the Article 29 Data Protection Working Party, and the International Working Group on Data Protection in Telecommunications. He represents the Article 29 Working Party in the W3C multi-stakeholder negotiations on Do Not Track. Rob van Eijk is a PhD candidate at Leiden University Dual PhD Centre The Hague.



Dr. Joss WRIGHT is a Research Fellow at the Oxford Internet Institute, University of Oxford, where his research focuses on the themes of privacy enhancing technologies and online censorship, both in the design and analysis of techniques and in their broader societal implications. He obtained his PhD in Computer Science from the University of York in 2008, where his work focused on the design and analysis of anonymous communication systems.

Dr. Wright has published a number of articles on privacy-enhancing technologies and online censorship, and has acted as chair of the USENIX Workshop on Free and Open Communications on the Internet (FOCI), as well as acting as reviewer and programme committee member for various other conferences and journals. Dr. Wright has

also provided advice to the European Commission, as well as a number of EU research projects, on the social, legal and ethical impacts of security technologies, and has written articles on privacy, censorship, and online activism for the Guardian and Observer, amongst others.