

Editors' Biographies

Mireille Hildebrandt

Mireille Hildebrandt is one of the Founding Members of the Digital Enlightenment Forum. She holds the Chair of Smart Environments, Data Protection and the Rule of Law at the institute of Computing and Information Sciences (iCIS) at Radboud University Nijmegen; she is an Associate Professor of Jurisprudence at the Erasmus School of Law, Rotterdam and a senior researcher at the centre for Law Science Technology & Society at Vrije Universiteit Brussel. The focus of her research is the nexus of philosophy of law and of technology, investigating the implications of smart environments for democracy and the Rule of Law. She co-edited *Profiling the European Citizen. Cross-Disciplinary Perspectives* (2008) with Serge Gutwirth; *Law, Human Agency and Automatic Computing* (2011) with Antoinette Rouvroy; *Privacy and Due Process after the Computational Turn* (2013) with Katja de Vries; and *Human Law and Computer Law* (2013) with Jeanne Gaakeer. Her roots reside in cultural anthropology, law, and the philosophy and history of criminal law.

Kieron O'Hara

Kieron O'Hara is a senior research fellow in electronics and computer science at the University of Southampton. His research interests are the philosophy and politics of technology, in particular the World Wide Web and the Semantic Web. He writes on privacy, trust and memory, and has a particular interest in transparency and open data. As a political philosopher, he has also written extensively on the philosophy of conservatism, and is a research fellow at the Centre for Policy Studies. He has written several books include *The Spy in the Coffee Machine* (with Nigel Shadbolt), *Trust: From Socrates to Spin*, and *The Enlightenment: A Beginner's Guide*. His latest book, *The Devil's Long Tail* (with David Stevens), is about online religious extremism. His report for the UK government on privacy and open data, *Transparent Government, Not Transparent Citizens*, appeared in 2011, and he currently chairs the Transparency Sector Panel for Crime and Criminal Justice for the UK Home Office and Ministry of Justice.

Michael Waidner

Michael Waidner is the Director of the Fraunhofer Institute for Secure Information Technology (Fraunhofer SIT) in Darmstadt, Germany. At the Technische Universität Darmstadt he holds the chair for Security in Information Technology and is the Director of the Center for Advanced Security Research Darmstadt (CASED) and the European Center for Security and Privacy by Design (EC SPRIDE), two cybersecurity research centres supported by the state and federal government, respectively. Michael Waidner received his PhD in 1991 from the University of Karlsruhe. In 1994 he joined the IBM Zurich Research Laboratory where he was responsible for the research activi-

ties in security and privacy. In 2006 he moved to IBM in New York. Until 2010, he was an IBM Distinguished Engineer and the IBM Chief Technology Officer for Security, responsible for the technical security strategy and architecture of the IBM Corporation. Michael Waidner is a Fellow of the IEEE and Distinguished Scientist of the ACM.

Author Biographies

David Alexander

David Alexander is Chief Executive Officer and co-founder of Mydex CIC. David is the co-author of the CRM Pocketbook and a fellow of the Sales Leadership Alliance. He is a member and active supporter of Electronic Frontier Foundation and the Open Rights Group and is passionate about protecting the individual's privacy, identity, personal data and its associated rights. David is the designer of the Mydex platform and trust framework and has an extensive technical and commercial background spanning over 30 years. David is active in support of community endeavours outside of Mydex, and is an active coach and mentor.

Eleonora Bassi

Eleonora Bassi is a Research Fellow of the Department of Information Engineering and Computer Science of the University of Trento and a Fellow at the Nexa Center for Internet and Society of the Polytechnic University of Torino. She holds a Degree in Law and a PhD in Philosophy of Law at the University of Torino. After her PhD she focused her interest on Information Law, Fundamental Rights and Data Protection Issues, and later on Public Sector Information European legal framework and regional policies. Currently, her research follows two main directions. First, the focus is on the new European Data Protection framework that will have a strong impact on privacy rights in digital environments and the circulation of personal data within the information market. Second, her work is on policy-oriented research on Open Data and Big Data.

Phil Booth

Phil Booth is an active social entrepreneur and privacy advocate. Phil has worked on projects ranging from systems to improve quality of life through incremental behaviour modification, to helping build BBC Schools online and designing secure online spaces for looked-after children. He advises a number of organisations that seek to provide individuals with greater control over their own personal data. Phil led the non-partisan NO2ID campaign, campaigning successfully to defeat the introduction of ID cards in the UK and other 'database state' initiatives; his work has been recognised by awards from Privacy International and Liberty.

Caspar Bowden

Caspar Bowden is an independent advocate for information privacy, and public understanding of privacy research in computer science. He is a specialist in data protection policy, EU and US surveillance law, PET research, Cloud computing, identity management, and information ethics. For nine years he was Chief Privacy Adviser for Microsoft, and previously was co-founder and director of the Foundation for Information Policy Research. He was an expert adviser to the UK Parliament on privacy and surveillance legislation, and co-organized six public conferences on encryption, data retention, and interception policy. He has previous careers in financial engineering and risk management, and software engineering (systems, 3D games, applied cryptography), including work with Goldman Sachs, Microsoft Consulting Services, Acorn, Research Machines, and IBM. He is a fellow of the British Computer Society, and is a member of the advisory bodies of several civil society associations.

Johannes Buchmann

Johannes Buchmann is a professor of computer science and mathematics at the Technische Universität Darmstadt and vice-director of the Center for Advanced Security Research Darmstadt (CASED). His research focuses are, in particular, cryptography and its applications. He has received his PhD from Cologne University and was 8 years professor at Saarland University. Since 1996 he has been the head of the 'Theoretische Informatik – Kryptographie und Computeralgebra' group at TU Darmstadt. Johannes Buchmann has been awarded the Leibniz prize of the DFG, the Karl-Heinz Beckurts prize, the German IT Security award and the Tsungming Tsu Award from the National Science Council Taiwan. He is also a member of the German national academy Leopoldina, and the German academy of sciences acadtech.

Jacques Bus

Jacques Bus is Secretary General of the Digital Enlightenment Forum. He studied Mathematics and obtained his PhD at the University of Amsterdam. He worked as a researcher for 12 years and then as research programme manager for 5 years at the Centre for Mathematics and Computer Science (CWI) in Amsterdam (NL). In 1988 he joined the European Commission and has worked since in various parts of the Research programmes Esprit and IST. He was strongly involved in the establishment of the Security Theme in FP7. From March 2004 till March 2010 Jacques was Head of Unit *ICT Trust and Security*, which includes Security of Network and Service infrastructures, Critical Information Infrastructure Protection, Identity and Privacy management, and enabling technologies for trust and security. In that function he was actively involved in the work of the RISEPTIS Advisory Board and organised, with the Spanish EU Presidency, the Conference *Trust in the Information Society*. Since March 2010 he has been working as Secretary General of the *Digital Enlightenment Forum*, Business Development Director of the *Privacy and Identity Lab* and as an independent consultant (see <http://www.digitrust.eu>) in related areas. He is Research Fellow at the University of Luxembourg and senior adviser at the Centre for Science, Society and Citizenship.

Kim Cameron

Kim Cameron is Architect of Identity in the Cloud and Enterprise Division at Microsoft, USA, working to help establish a privacy enhancing Identity Metasystem reaching across vendors, industries, technologies, continents and cultures. He has spent three decades solving the problems of digital identity and directories of people and things. His early innovation in the startup ZOOMIT Corporation focused on how to link and manage peoples' identifiers across different contexts so as to build a 'joined view' of the individual. This research resulted in the first Metadirectory. With the emergence of the Internet, he was one of the first to see that the joined view he had enabled could, in the context of the Web, also be privacy invasive. In response he began developing compensating privacy technology. Microsoft bought ZOOMIT Corporation in 1999 and shipped its Metadirectory (now called FIM). Since then, Mr. Cameron has played a leading role in the evolution of Active Directory, Federation Services, CardSpace, Azure Active Directory and Microsoft's other Identity Metasystem products. In 2009 he was appointed a Microsoft Distinguished Engineer. He grew up in Canada, attending King's College at Dalhousie University and l'Université de Montréal. He served on RISEPTIS, the high-level European Union advisory body providing vision and guidance on security and trust in the Information Society. He has won many industry awards, including Digital Identity World's Innovation Award (2005), Network Computing's Top 25 Technology Drivers Award (1996), Network World's 50 Most Powerful People in Networking (2005) and Lifetime Achievement Awards from the European Association of e-Identity and Security (EEMA) and Kuppinger Cole's Cloud Identity Conference. In 2010 King's College recognised his work on digital identity by awarding him an honorary Doctor of Civil Law degree. Mr. Cameron blogs at www.identityblog.com, where he has published the Laws of Identity and a number of other documents on identity and privacy issues, and reports on his work.

Lizzie Coles-Kemp

Lizzie Coles-Kemp is a qualitative researcher, interested in information security and privacy practices within communities. She is Senior Lecturer in the Information Security Group Royal Holloway University of London. Lizzie's particular focus is the interaction between humans and security and privacy technologies, how each influences the other and the communities of practice that emerge. Current interdisciplinary work includes: value sensitive design in public service delivery, cultural analysis in organisational security and the use of visual research methods in interdisciplinary research.

Charles M. Ess

Charles M. Ess is Professor in Media Studies, Department of Media and Communication, and Director, Centre for Research on Media Innovations, University of Oslo. He has held several guest professorships in Europe and Scandinavia – most recently as Professor MSO (med særlige opgaver), Media Studies, Aarhus University, Denmark (2009–2012). He has received awards for excellence in both teaching and scholarship.

Emphasising cross-cultural perspectives, Dr. Ess has published extensively in information and computing ethics, e.g., *Digital Media Ethics* (Polity Press, 2009; 2nd edition, 2013) and (with May Thorseth) *Trust and Virtual Worlds: Contemporary Perspectives* (Peter Lang, 2011) and in Internet studies, e.g., (with Mia Consalvo), *The Handbook of Internet Studies* (Wiley-Blackwell, 2011), and (with Pauline Cheong, Peter Fischer-Nielsen, and Stefan Gelfgren) *Digital Religion, Social Media and Culture: Perspectives, Practices and Futures* (Peter Lang, 2012).

Simone Fischer-Hübner

Simone Fischer-Hübner has been a Full Professor at the Computer Science Department of Karlstad University, Sweden, since June 2000, where she is the head of the PriSec (Privacy & Security) research group. She received a Diploma Degree in Computer Science with a minor in Law (1988), and Doctoral (1992) and Habilitation (1999) Degrees in Computer Science from Hamburg University. Her research interests include IT-security, privacy and privacy-enhancing technologies. She was a research assistant/assistant professor at Hamburg University (1988–2000) and a Guest Professor at the Copenhagen Business School (1994–1995) and at Stockholm University/Royal Institute of Technology (1998–1999). She is the chairperson of IFIP (International Federation for Information Processing) Working Group 11.6 on “Identity Management” and the Swedish IFIP TC11 representative. Besides, she is member of the NordSec (Nordic Workshop on Secure IT Systems) steering committee, steering committee member of STINT (the Swedish Foundation for International Cooperation in Research and Higher Education), coordinator of the Swedish IT Secure Network for PhD students (funded by MSB in Sweden), and member of the International Editorial Board of the Springer *International Journal of Information Security* & the Springer *International Journal of Trust Management*. She has been appointed by the Swedish government as a member of the advisory board for the Swedish Data Protection Commissioner (Datainspektionens Insynsråd). She is also a member of the IT Security Advisory Board of the Swedish Civil Contingency Agency (MSB informations-säkerhetsråd). She has contributed to several privacy and security-related national and European Research projects, including the EU Celtic project BUGYO, the FP6 projects PRIME, FIDIS and Newcom and the FP7 projects PrimeLife, Newcom++, A4Cloud and SmartSociety. She received the Silver Core Award from the International Federation for Information Processing (IFIP) in 2001 for services rendered to IFIP.

Hallvard J. Fossheim

Hallvard J. Fossheim is Professor II in Philosophy at the University of Tromsø. He has written mainly on the practical philosophy of Plato and Aristotle and on the virtue ethical tradition going back to them. He has also focused on film theory and on the philosophy of computer games. Among his current activities is a paper on Aristotelian collective agency and a project dealing with the relation between dialogue, rationality, and identity. Fossheim also holds a position as Director of The Norwegian National Research Ethics Committee for the Social Sciences and Humanities.

Jeffery Friedberg

Jeffery Friedberg is Chief Trust Architect for Microsoft. He focuses on new ways that people, organisations, and governments can benefit from the ever expanding flows of data that fuel our digital lifestyle and economy, while at the same time reducing the risks to personal freedoms, intellectual property, and critical infrastructure. This effort includes investigating ways to make privacy and security features more usable for consumers and businesses. He speaks publicly on strategies for reducing Internet threats such as identity theft and has testified before congress on protecting users from spyware. He co-authored the Microsoft Privacy Standard for Development and was responsible for Windows Privacy. Previously at Microsoft he focused on privacy and legal issues relating to the Windows Media Platform and was a Group Program Manager for Microsoft's graphics software. Jeffrey Friedberg has over 30 years of software development experience, and has delivered products that range from graphics supercomputers used in medical imaging to next-generation gaming devices. As VP of Engineering at Silicon Gaming, he helped launch an IPO and chaired the Gaming Manufacturers Association. At Digital Equipment Corporation, he co-architected the industry standard 3D graphics extensions for the MIT X Window System. In addition to being a Certified Information Privacy Professional, he has a formal background in Computer Graphics and a B.S. degree in Computer Science from Cornell University.

Peter Haynes

Peter Haynes is a senior fellow at the Atlantic Council, and senior director, advanced strategies and research at Microsoft Corporation. His focus is on long-term strategy and policy in areas including cybersecurity and privacy, big data and data sovereignty, the internet of things, and the economic impact of digital technologies. He has provided expert advice to government, industry, academia, and policymakers, both directly and via institutions such as the President's Council of Advisors on Science and Technology, the US State Department, and the Organisation for Economic Co-operation and Development. Previously, Peter Haynes was a writer and editor at *The Economist* magazine, where he wrote more than 700 articles and served as energy correspondent, technology correspondent, management editor, deputy business editor, and New York bureau chief/U.S. business editor. Peter Haynes has also been a senior editor at Forbes, and has broadcast extensively for the BBC and NPR. Peter Haynes started his career as a senior researcher at two leading British think tanks, the Institute for Fiscal Studies and the National Institute of Economic and Social Research. He helped found Oxford Economic Research Associates, now a leading European economic consultancy, and is co-founder of early-stage high-tech incubator Seattle Feed & Livestock. Peter Haynes holds an MA in Philosophy, Politics and Economics from Keble College, Oxford.

William Heath

William Heath is chairman of Mydex CIC. He is an entrepreneur. As well as Mydex CIC he co-founded Ctrl-Shift Ltd, as well as the digital rights campaign Open Rights Group and the publishing and research group Kable Ltd, both of which he chaired. He is a Fellow of the Young Foundation and an adviser (former vice chair) of the Founda-

tion for Information Policy Research and of DXW.com. In 2013 he cofounded The Bell Inn (Bath) Co-op which now owns and runs the leading music pub in south west England.

Chris Hoofnagle

Chris Jay Hoofnagle is a lecturer at UC Berkeley Law, where his research focuses upon the structure of legal and economic relationships that lead to tensions between firms and individuals, manifested through information privacy problems, gaps in understanding of legal protections, deficits in consumer law protections, and the problem of financial fraud. Hoofnagle has written extensively in the fields of information privacy, the law of unfair and deceptive practices, consumer law, and identity theft. His recent work includes, *The Price of Free*, 61 *UCLA L. Rev.* (2014) (with Jan Whittington), *Unpacking Privacy's Price*, 90 *North Carolina L. Rev.* 1327 (2012) (with Jan Whittington), and *Behavioral Advertising: The Offer You Cannot Refuse*, 6 *Harvard L. & Policy Rev.* 273 (2012). He has also written on payments technologies with a focus upon mobile payments, consumer attitudes toward and knowledge of privacy law, identity theft, the first amendment, and the government's reliance on private-sector databases to investigate citizens.

David J. Houghton

David Houghton is currently a Lecturer in Marketing at Birmingham Business School, University of Birmingham. He has a PhD in Management from the University of Bath, and a degree in Psychology. His research centres on the psychology of communication online, with a specific interest in the management of privacy, self-disclosure, uncertainty reduction and the formation, maintenance and deterioration of relationships. This research is combined with social marketing and social media to develop an understanding of how to best promote healthy social practices for individuals and society more generally. Dr. Houghton holds a general research interest in psychology, technology and social marketing.

Sara Hugelier

Sara Hugelier is a legal researcher at the Interdisciplinary Centre for Law and ICT of KU.Leuven – iMinds since March 2013. During her studies at KU.Leuven, she pursued a one year exchange at Queen Mary University of London, United Kingdom where she focused on intellectual property and competition law. Under the supervision of G. Van Bueren, she wrote a dissertation regarding the interface between freedom of expression and freedom of information which was later rewarded with a publication in the KU.Leuven law review (*Jura Falconis*) in 2011. She obtained her Master of Laws degree in 2011 at the same University, focusing on European and economic law. After her LL.M in European studies at the *Institut d'Etudes Européennes* of the *Université Libre de Bruxelles* (ULB), which she combined with internships at the European Parliament as well as a legal traineeship at a Brussels-based firm, she completed a five-month traineeship at the European Commission's Directorate General Competition in

Brussels, working on cartels and settlement procedures. At ICRI, Sara conducts research in the fields of data protection, privacy, the re-use of public sector information and open data. She is currently engaged in several European projects. For the European Location Framework project (E.L.F.) she deals with the legal aspects of spatial data and the re-use of public sector information. In the LAPSI 2.0 project, she conducts research as regards the legal aspects of public sector information. Finally, in the OpenScienceLink (OSL) project, she focuses on the legal aspects of sharing raw research data for open access.

Katleen Janssen

Katleen Janssen is a postdoctoral legal researcher at the Interdisciplinary Centre for Law and ICT of KU Leuven – iMinds. She specialises in access to and use of Public Sector Information, and SDI- and GIS-matters. This includes policies promoting the availability of information and policies restricting such availability, e.g. privacy protection, intellectual property rights, etc. In 2009, Katleen obtained her Phd with a thesis about the legal framework for the availability of public sector spatial data, mainly dealing with the relationship between INSPIRE, PSI and access to environmental information. Katleen works on a number of national and European projects relating to open data, PSI and spatial data infrastructures. Currently, she is the project manager of the LAPSI 2.0 thematic network on legal aspects of public sector information (www.lapsi-project.eu). From 2005 to 2012 she was co-chair of the INSPIRE drafting team on data and service sharing, and she is currently co-chair of the Legal and Socio-Economic Committee of the Global Spatial Data Infrastructure Association. In the spring of 2013, she developed open data licenses for the Flemish government.

Adam N. Joinson

Adam Joinson is Professor of Behavioural Change at UWE Bristol. His research focuses on the interaction between psychology and technology, with a particular focus on measurable behaviour. Recently this work has taken in privacy attitudes and behaviours, the social impact of monitoring technology, computer-mediated communication and communication behaviours and the use and impact of social media. Since September 2012 Prof. Joinson's research attention has been directed towards the ways in which technology can be used to change behaviour to achieve a social good. He also spent 18 months on secondment working with the UK Government on cyber-security and behavioural science.

Dave Kearns

Dave Kearns spent 10 years as a network manager, ending up as Information Services Manager for the former Thomas-Conrad Corporation (now part of Compaq). In 1987, he was a founding SysOp of Novell's Novell Support Connection service on CompuServe and served as the first president of the Association of NetWire SysOps. He's a past recipient of NetWare Users International's Nuggie award for "outstanding contributions". Dave was formerly Technical Editor of *Networking Solutions* magazine. His

“Wired Windows” column appears in Network World magazine. He also writes frequently for PC World, The Novell Companion, World Wide Windows and NC World. He’s written, edited and contributed to a number of books on networking and is a frequent speaker before both trade and business groups. Dave has been a Senior Analyst at KuppingerCole since 2008 and focuses on various areas of IAM (Identity and Access Management), including the Future of Authentication and Authorization and the topic of Life Management Platforms and all the related themes such as Trust Frameworks.

Ioannis Krontiris

Ioannis Krontiris is a senior researcher in the Deutsche Telekom Chair of Mobile Business & Multilateral Security at Goethe University Frankfurt, Germany. Ioannis holds a PhD in Computer Science from Mannheim University, Germany, an M.S. in Information Networking from Carnegie Mellon University, U.S.A. and a Diploma in Computer Engineering from Technical University of Crete, Greece. His research focuses on Identity Management, Online Privacy, Security and Privacy in Smart Environments (Mobile Computing, Pervasive Computing, Sensor Networks, and Ubiquitous Computing). He is technical coordinator of ABC4Trust, an EU-project that investigates common architectures for privacy respecting attribute based credential systems (i.e., Privacy-ABCs) and their deployment in practice. Besides ABC4Trust, Ioannis has contributed to several other privacy and security-related European Research projects, including PICO-S and GINI S.A. Since June 2013 Ioannis has been the chair of the IFIP WG 11.2 on Pervasive Systems Security.

Martin Kuppinger

Martin Kuppinger is Founder and Principal Analyst at KuppingerCole. He studied economics at the Berufsakademie Stuttgart and the University of Tübingen. Martin wrote more than 50 IT-related books and is known as a widely-read columnist and author of technical articles and reviews in some of the most prestigious IT magazines in Germany, Austria, Switzerland, and the UK. He is also a well-established speaker and moderator at seminars and congresses. His interest in Identity Management dates back to the 80s, when he also gained considerable experience in software architecture development. Over the years, he has added several other fields of research, including virtualisation, cloud computing, overall IT security, and others. Having studied economics, he combines in-depth IT knowledge with a strong business perspective. His role at KuppingerCole is research and advisory. His current areas of interest span most of Information Security and Cloud Computing, plus related areas. He has a special interest and expertise in technologies and innovations that help to improve privacy and security for individuals and for organisations. That includes his research in the area of Life Management Platforms.

Robert Madelin

Robert Madelin is the Director-General of DG CONNECT of the European Commission, responsible for the Digital Agenda for Europe. He was educated in England at the

Royal Grammar School, High Wycombe and at Magdalen College, Oxford. He has also studied at the Ecole Nationale d'Administration in Paris. Born in 1957, a British civil servant since 1979, Robert has served in the Commission since 1993: in his current post since 2010; as Director General for Health and Consumer Policies from 2004 to 2010; on trade and investment policy before that.

Sean Maguire

Sean Maguire is a senior programme manager in Trustworthy Computing Governance for Microsoft. He works on developing and implementing privacy-enhancing technologies for Microsoft devices and services. He is interested in the application of trust frameworks and persona to better respect privacy while still providing meaningful value and controls to consumers, industry, and regulators. Previously, Sean worked at The Boeing Company doing writing, editing, and desktop publishing for the EASY5 dynamic systems and modeling analysis product, and was copy and production editor for *AERO*, an award-winning quarterly technical magazine for Boeing airplane customers. Sean Maguire is a Certified Information Privacy Professional/United States. He received his Bachelor of Arts degree in French and Linguistics with honors from the University of Washington and his Master of Business Administration degree from Western Governors University.

Maxi Nebel

Maxi Nebel studied law at Friedrich-Alexander-University Erlangen-Nuremberg. She was legal research assistant in the Project Group for Constitutionally Compatible Technology Design (provet) at Kassel University until February 2013. She is currently recipient of the CASED scholarship programme. Her research topic is data protection in Internet services.

Carolyn Nguyen, PhD

Carolyn Nguyen is a Director in Microsoft's Technology Policy Group, responsible for policy initiatives related to data governance and personal data management. Her work is focused on helping to shape relevant long term technology policies globally in these areas by engaging with stakeholders, and raising awareness of potentially disruptive impacts of emerging technologies, such as big data and the internet of things, on existing social, economic, and policy frameworks. She works at the intersection of these disciplines, taking a holistic approach to policy and developing a supporting evidence base that can inform and steer policy makers and other stakeholders towards innovations in policy. Prior to joining Microsoft, Carolyn Nguyen held a number of positions with Research in Motion, Avaya Communications, Lucent Technologies, and Bell Laboratories. Her experience includes a range of business and technical responsibilities in developing and bringing to market innovative telecommunications solutions globally. She received her PhD from the Center of Telecommunications Research at Columbia University, and completed Executive Business Management Programs at Harvard Business School and the London Business School.

Alexander Novotny, MSc

Alexander Novotny is a research and teaching associate at the Institute for Management Information Systems at Vienna University of Business and Economics (WU). His research focuses on electronic privacy. Particularly, he is interested in questions relating to control over personal data and digital forgetting from a technical, social, and economic perspective. Alexander received a master's degree in Information Systems from Vienna University of Business and Economics in March 2012. He was awarded the appreciation prize of the Austrian Federal Ministry for Science and Research in 2012. Recently, Alexander has been designated as a standardisation expert for digital marketing and privacy at the Austrian Standards Institute.

Ugo Pagallo

Ugo Pagallo has been Professor of Jurisprudence at the Department of Law, University of Turin, since 2000, faculty at the Center for Transnational Legal Studies (CTLS) in London and faculty fellow at the NEXA Center for Internet and Society at the Politecnico of Turin. Member of the Group of Experts for the Onlife Initiative set up by the European Commission (2011–2013), he is chief editor of the Digitalica series published by Giappichelli in Turin and co-editor of the AICOL series by Springer. His main interests are AI & law, network theory, robotics, and information technology law (specially data protection law and copyright).

Kai Rannenberg

Kai Rannenberg has held the Deutsche Telekom Chair (formerly T-Mobile Chair) of Mobile Business & Multilateral Security since 2002. Before that he was with the System Security Group at Microsoft Research Cambridge, UK focussing on "Personal Security Devices & Privacy Technologies". Between 1993–1999, Kai worked at Freiburg University and coordinated the interdisciplinary "Kolleg Security in Communication Technology", sponsored by Gottlieb Daimler & Karl Benz Foundation researching Multilateral Security. After a Diploma in Informatics at TU Berlin he had focused his PhD at Freiburg University on IT Security Evaluation Criteria and their potential and limits regarding the protection of users and subscribers. Since 1991 Kai is active in the ISO/IEC standardisation of IT Security and Criteria (JTC 1/SC 27/WG 3 "Security evaluation criteria"). Since March 2007 he has been Convenor of the SC 27/WG 5 "Identity management and privacy technologies". Since May 2007 Kai has chaired the IFIP TC-11 "Security and Privacy Protection in Information Processing Systems", after having been its Vice-Chair since 2001. Since September 2009, Kai has been an IFIP Councillor. Kai is active in the Council of European Professional Informatics Societies (CEPIS) chairing its Legal & Security Issues Special Interest Network (CEPIS LSI) since 2003. From July 2004 till June 2013 Kai served as the academic expert in the Management Board of the European Network and Information Security Agency, ENISA. Kai's awards include the IFIP Silver Core, the Alcatel SEL Foundation Dissertation Award and the Friedrich-August-von-Hayek-Preis of Freiburg University and Deutsche Bank. Kai's current research interests include Mobile applications and Multilateral Security in e.g. M-Business, M-Commerce, M-Banking, and Location Based

Services; Privacy and identity management, especially attribute based authorisation; Communication infrastructures and devices, such as personal security assistants and services; ICT security and Privacy standardisation, evaluation, and certification.

Joseph Reddington

Joseph Reddington is currently a researcher in Programming Languages Semantics at Royal Holloway University of London. As part of his research portfolio, he maintains a strong interest in AAC at the technological, governance, and policy levels. He maintains the Domesday Dataset of AAC use in the UK. The dataset is available from Joseph's home page under Open Data Commons Attribution Licence.

Daniel Ross

Daniel Ross is co-director of the film *The Ister* (2004), author of *Violent Democracy* (Cambridge University Press, 2004), and translator of many works by Bernard Stiegler, including the books *Acting Out* (Stanford University Press, 2009), *For a New Critique of Political Economy* (Polity Press, 2010), *The Decadence of Industrial Democracies* (Polity Press, 2011), *Uncontrollable Societies of Disaffected Individuals* (Polity Press, 2013), *What Makes Life Worth Living* (Polity Press, 2013), and *The Lost Spirit of Capitalism* (Polity Press, 2013 forthcoming).

Alexander Roßnagel

Alexander Roßnagel holds the chair for public law with the focus on law regarding technology and environmental protection at Kassel University. Among other functions he heads the Project Group for Constitutionally Compatible Technology Design (provet). Alexander Roßnagel is also executive director of the Interdisciplinary Research Center for Information System Design (ITeG) at Kassel University, and Contributing Professor at the Center for Advanced Security Research Darmstadt (CASED).

Sir Nigel Shadbolt

Nigel Shadbolt is Head of the Web and Internet Science Group within Electronics and Computer Science at the University of Southampton. He has made significant contributions to Artificial Intelligence, Computer Science, Open Data and Web Science. The Web and Internet Science group that he leads comprises 140 staff, researchers and PhD students. He is currently Principal Investigator on a £6.14M UK EPSRC funded Programme Grant researching the theory and design of social machines – Web scale problem solving systems comprising large numbers of humans and computers. He is also Chairman and Co-Founder of the Open Data Institute (ODI). Launched in December 2012, the ODI focuses on unlocking supply and stimulating demand for open data. It promotes the creation of economic, environmental and societal value from open data releases. Since 2009, Nigel has acted as an Information Advisor to the UK Government, helping transform public access to Government information, including the

widely acclaimed data.gov.uk site. In May 2010, he was appointed to the UK Public Sector Transparency Board responsible for setting open data strategy across the public sector. He Chairs the UK midata programme the goal of which is to empower consumers through access to their data. In 2013 he was appointed a member of the UK's Information Economy Council. He has also advised EU and US policy makers on Open Data. He has founded successful technology companies, one of which, Garlik, was awarded Technology Pioneer status by the Davos World Economic Forum and won the BT Flagship IT Award in 2008. Nigel is the author of the critically acclaimed *The Spy in the Coffee Machine: The End of Privacy as We Know It* (with Kieron O'Hara). In June 2013 he was knighted in the Queen's Birthday Honours "for services to science and engineering".

Fatemah Shirazi

Fatemeh Shirazi is a PhD candidate advised by Prof. Johannes Buchmann at Technische Universität Darmstadt. Her research focus is privacy and, in particular, anonymous communication. She holds a Bachelor's degree in software engineering from AZAD University Iran, and a Master's degree in computer science from Saarland University.

Hervais Simo

Hervais Simo is a PhD candidate in the Department of Computer Science at the Technische Universität Darmstadt, working with Prof. Michael Waidner. His research interests lie in the area of privacy and identity management, privacy engineering, and applied cryptography. Hervais Simo is also a member of the Cloud Computing, Identity and Privacy Group at the Fraunhofer Institute for Secure Information Technology in Darmstadt. Hervais Simo received a MSc degree (Dipl. Inf.) in Computer Science from the Technische Universität Darmstadt.

Sarah Spiekerman

Sarah Spiekerman has been a professor for Information Systems since 2009 and chairs the Institute for Management Information Systems at Vienna University of Economics and Business (WU Wien). Before her tenure in Vienna, she was assistant professor at the Institute of Information Systems at Humboldt University Berlin (Germany) and was Visiting Scholar at the Heinz College of Public Policy at Carnegie Mellon University in Pittsburgh. Sarah has published over 70 articles in leading IS, marketing and computer science journals and conferences, in particular in the domain of electronic privacy and electronic marketing.

Bernard Stiegler

Bernard Stiegler is a French philosopher, Director of the Institut de recherche et d'innovation, and founder of the School of Philosophy at Epineuil-le Fleuriel. Since

1994 he has published some thirty books, including *Technics and Time* (3 vols.; Stanford University Press, 1998–2011), *Acting Out* (Stanford University Press, 2009), *The Decadence of Industrial Democracies* (Polity Press, 2011), *Uncontrollable Societies of Disaffected Individuals* (Polity Press, 2013), and *What Makes Life Worth Living* (Polity Press, 2013). His most recent work is *Pharmacologie du Front national* (Flammarion, 2013).

Edgar Whitley

Edgar Whitley is a Reader in Information Systems in the Information Systems and Innovation Group of the Department of Management at the London School of Economics and Political Science. He has a BSc (Econ) and a PhD in Information Systems both from the LSE. Edgar was the research coordinator of the influential LSE Identity Project on the UK's proposals to introduce biometric identity cards; proposals that were scrapped following the 2010 General Election. Together with Gus Hosein, he has recently published the book *Global challenges for identity policies* (Palgrave, 2010). This analysis of the UK identity policy proposals has resulted in Edgar advising other governments about the political, technological and social challenges of identity policies. Edgar's research draws on his interests in social theories and their application to information systems. He is currently involved in developing the concept of dynamic consent that emerged from an interdisciplinary research project EnCoRe (www.encore-project.info) which addressed the role of consent (and the revocation of consent) as a mechanism for providing control over the use of personal data by commercial and public-sector organisations. Edgar is the co-editor for the journal *Information Technology & People* and a member of the Cabinet Office's *Identity Assurance Privacy and Consumer Advisory Group*, the BCS *Information Privacy Expert Panel*, the Commonwealth Telecommunications Organisation *Cybersecurity Advisory Group* and the Information Assurance Advisory Council's *Academic Liaison Panel*. Further information about Edgar can be found at <http://personal.lse.ac.uk/whitley/>.