About the Contributors

Fernand Doridot, born 1972. Engineer (graduate of the Ecole Centrale de Nantes, 1995), and PHD in Epistemology and History of Science (Mathematics), University of Nantes, 2003. Professor and researcher in epistemology, philosophy and ethics at ICAM (engineering school) and CETS (Centre for Ethics, Technology and Society) within the Polytechnicum of Lille, France. He has been involved over the past years in several European research projects funded by FP6 and FP7 (The Cultured Engineer, EGAIS) and in one French research project funded by the Agence Nationale de la Recherche (Parthage). His current research areas are: public debates on technical and scientific projects, philosophy of engineering, ethical governance of nanotechnology. He is also an expert for ANSES (French National Agency for Sanitary Safety) on the topic of nanomaterials.

Penny Duquenoy has a Ph.D. in Computer Science (Internet Ethics, Middlesex University, London) and first degree in Philosophy and Cognitive Science (University of Sussex, UK). She is a Principal Lecturer and researcher at Middlesex University, London, publishing widely on the ethical implications of ICT. Recent funded projects investigate how to consider and address ethical and social impacts of ICT during the project design and development stage (current and future technologies). She is an Expert Evaluator and Reviewer on ethics issues for the European Commission, and the Research Council of Norway. A long-standing member of IFIP (International Association of Information Professionals) she has Chaired Working Group 9.2 (6 years) and is currently Chair of IFIP Special Interest Group 9.2.2 “Framework for Ethics”. In the UK she has been active on ethics committees of BCS, the Chartered Institute for IT, is currently a member of its Ethics Group and Chair of the BCS ICT Ethics Specialist Group.

Philippe Goujon, Doctor of Philosophy (1993) Habilité à diriger des recherches - director of the Legit in Namur University (Laboratory for ethical Governance of information Technology). He has authored numerous articles on artificial life, self-organization, thermodynamics, the complexity, biotechnology, genomics and also the connection between science, techniques, education and culture. He authored books about the auto-organisation concept and about the ethics of technology. He is a partner in three European funded research projects the ETICA project (Ethical Issues of Emerging ICT Applications), the EGAIS project (the Ethical GovernAnce of emergIng technologies) and CONSIDER project (Civil Society OrgaNisationS In Designing rEsearch goveRnance). He is an expert in the Goldenworker European project. He will coordinate the GREAT European project (Governance of REsponsible innovATion) and be partner in the Responsibility European project. He co-directs the IDEGOV project for the CIGREF Foundation. His research fields concerns the history and philosophy of science, epistemology and ethics of computing technologies, the governance theories and internet governance issues. He is in charge of the ethical training for the European Commission. He is an expert for the European Commission.
Aygen Kurt has a PhD in Innovation Studies from the University of East London (UEL), UK where she studied as a Jean Monnet scholar partially funded by the European Commission (EC). She is currently a visiting researcher at Middlesex University (UK) and also working as a research development manager at the London School of Economics and Political Science (LSE) in the UK. She has background in Political Science and Public Administration (BSc) and Science and Technology Policy Studies (MSc). As a researcher in the Ethical Governance of Emerging Technologies (EGAIS) Project’s consortium (a project that received grants from the EC’s 7th Framework Programme, Science in Society scheme), on behalf of the Middlesex University, she was involved in co-researching and coordinating the empirical data collection stages and researching on ethical/social implications and governance of technological development process. She has experience in teaching seminars and guest lectures at UEL in the European Studies of Society, Science and Technology (ESST) Masters programme (http://esst.eu); and in Information Technology, Communication and Sociology undergraduate courses related to new technologies and society. Her research interests include European Union’s research and innovation policy with a particular interest on information society and its technologies; innovation systems; governance of innovation; social and political aspects of new technologies; and science and technology integration at supra/national levels.

Sylvain Lavelle has a PhD in Philosophy from the University of Paris-Sorbonne (2000) and has also studied political science and natural sciences. After two years as an assistant at Sorbonne (1998-2000), he has taught philosophy, epistemology and ethics in the department of humanities of an engineering school (ICAM Lille). He is currently working at ICAM-Paris and is Director of the Center for Ethics, Technology and Society (CETS) and an associate researcher at the Ecole des Hautes Etudes en Sciences Sociales (EHESS-GSPR). Sylvain Lavelle has been involved over the past years in several research projects funded by the European Commission (TRUSTNET, COWAM, EGAIS) and the French National Research Agency (PARTHAGE). He is the author of several books, including Science, technologie et éthique (Ellipses, Paris, 2006) and of many articles, chapters and research documents. His research program, entitled “Dialectical Investigations”, has led him to explore the theme of “Post-dialogical thinking” in a critical stance towards proceduralism in Habermas and Latour in particular.

Norberto Patrignani is Senior Associate Lecturer of “Computer Ethics” at Graduate School of Politecnico di Torino, where also collaborates with I3P (Innovative Enterprise Incubator of the Politecnico di Torino), Expert for the EU Commission, Directorate General Science & Society and European Research Council (ERC) and Lecturer of “ICT & Information Society” at Catholic University of Milano. From 1999 to 2004 he was Senior Research Analyst with META Group (Stamford, USA). From 1974 to 1999 worked at Olivetti’s Research & Development (Ivrea, Italy). He graduated (summa cum laude) in Computer Science at University of Torino and in Electronics (magna cum laude) from “Montani” Institute of Technology (Fermo, Italy). He is frequently speaker at international conferences, published many articles in international journals and several books on the subjects of responsible innovation and computer ethics.
About the Contributors

Stephen Rainey has a First Class honours degree and a Master’s degree with distinction in philosophy. He obtained his PhD entitled ‘A Pragmatic Conception of Rationality’ in 2008 from Queen’s University, Belfast. He has published articles on topics related to the philosophy of language, group identity, ethics, governance and ICTs, understanding and rationality. Dr. Rainey is a researcher in FP7-funded research projects ETICA, EGAIS and CONSIDER. These projects have involved philosophical treatments of ethics, ICTs, governance and policy, European identity and the role of the citizenry in knowledge societies. His present interests include the philosophy of technology, AI and identity, and the challenges of policy-making. He acts as a consultant to the ethics sector of the European Commission.

Alessia Santuccio holds a PhD in Economics of Communication. For more than 6 years, she was involved in research dealing with organisational and information technology (IT) innovation. As a member of the Catholic University’s team, she acted as the vice-project manager for the EGAIS (the Ethical GovernAnce of emergIng technologies) project and contributed to it with her experience in managing large EU funded projects and in analysing the impact of information technologies on organisations.

Danièle Bourcier is Director of Research at the Centre d’Études et de Recherches de Science Administrative (CERSA-CNRS, Paris) in the Law, Technology, and Language area. She is associated professor on law and computers (Universités de Paris I and Paris 2) and has been research fellow in Sweden, The Netherlands, and Austria. She has published many books and papers in the domains of artificial intelligence, complex systems and linguistics applied to law (lex electronica). She is involved in several European projects on governance, risk and democracy. She was director of research at the Center Marc Bloch (Berlin) to launch a project on comparative e-law in Europe (2005-2006). She is also the Scientific Director of Creative Commons France and of the collection “Droit et Technologies” of the Romillat Éditeur.

Jean-Michel Cornu is chief scientist à Next Generation Internet Foundation (Fing) and chairman of Imagination for People, an international platform on social innovation. He has been an international consultant for 25 years in the field of Information and Communication Technology and Innovation. He is also known as a specialist of cooperation and Collective Intelligence. He has wrote several books, among them: “Prospectic new technology, new thoughts” (FYP edition, currently in French), “New Approach to cooperation” and recently “Money and what next? A guide for new exchange in the XXIst century”.

Olli I. Heimo is a research assistant in Business and Innovation Development unit in University of Turku. His field of research is IT ethics focusing in governmental information technology solutions, including eHealth, eGovernment and biometric passports.
Gus Hosein has worked at the intersection of technology and human rights for over fifteen years. He is the Executive Director of Privacy International. He has acted as an external evaluator for UNHCR, advised the UN Special Rapporteur on Terrorism and Human Rights, and has advised a number of other international organisations. He has held visiting fellowships at Columbia University and the London School of Economics and Political Science. He holds a B.Math from the University of Waterloo in Canada and a PhD from the London School of Economics. Gus is also a Fellow of the Royal Society for the encouragement of Arts, Manufactures and Commerce (FRSA).

Matthias Kettner is professor of practical philosophy at the Faculty of Humanities and Arts at Witten/Herdecke University (www.uni-wh.de) in Germany. He was Faculty Dean between 2003 and 2006, and he is now Research Dean. From 1994 to 2000 he was a fellow at the Institute for Advanced Studies in the Faculty of Humanities at Essen University (www.kwi-nrw.de) where his research focused on clinical ethics committees in Germany, communicative ethics, and the relations amidst applied ethics, biopolitics and democracy. In 1987-1993 he collaborated with Karl-Otto Apel in his research on discourse ethics at Frankfurt University where he had earned a PhD in philosophy (thesis advisors: K.-O. Apel and J. Habermas), a diploma in psychology, and his postdoctoral lecture qualification (Habilitation).

Kai K. Kimppa, PhD is a University Lecturer at University of Turku, Information Systems Science. His research area is Ethics of ICT in which he has researched amongst other things problems with the justifiability of IPRs, procurement and use of eGovernment and eHealth applications and ethical problems with online computer games.

Pierre Livet is Professor of Epistemology at the University of Provence (Aix-Marseille) and Head of the CRNS Research team CEPERC. His research is about epistemology of social sciences (economics, sociology), theory of systems, cognitive sciences and ontology. He has recently published a book of social ontology (Les tres sociaux, 2009) with F. Nef, and is working on the relations between simulation and ontology. He is an Expert for the European Research Council and for the ANR. He is also a member of the comity SHS-2 of the ANR (2007-2008-2009).

Alain Loute has a PhD in philosophy from the “Université catholique de Louvain” (Belgium). He has published La création sociale des normes, De la socio-économie des conventions à la philosophie de l’action de Paul Ricoeur (Hildesheim/Zürich/New York, Olms, 2008). Recently, he has co-edited, with prof. Marc Maesschalck, Nouvelle critique sociale, Europe – Amérique Latine, Aller – Retour (Monza, Polimetrica, 2011). He has been post-doctoral researcher (chargé de recherches) supported by the F.R.S.-FNRS (Fonds National de la Recherche Scientifique – National fund for scientific research) at the Center for Philosophy of Law (Université catholique de Louvain).
Laurence Masclet is currently doing a doctoral research in the field of ethics and regulation of the Information and Communication Technologies in the faculty of computer science of the University of Namur. Her thesis includes a philosophical criticism of the current models of governance in their relations to rationality, and investigates the limits of procedural thinking. Laurence Masclet is a researcher for the project IDEGOV (Identification and governance of emerging ethical issues in information systems) funded by the CIGREF foundation. The project aims at collecting information on ethical issues on the field of Information System, on the governance arrangement in place to deal with them, in order to give governance recommendations. She also collaborated for the EGAIS Project and is a member of the IFIP Group (International Federation for Information Processing).

Paul Mathias, after teaching philosophy for more than 25 years, Paul Mathias joined the French Inspectorate of Education in 2009, where he is currently in charge of assessing the development of information and communication technologies in schools. Considering ICT as a genuine philosophical issue, he had started specializing in them in the mid nineties. In 1997, he published *La Cité Internet*, then *Des Libertés numériques* (2008) and *Qu’est-ce que l’Internet?* (2009). Paul Mathias was also a researcher at the Collège International de Philosophie between 2004 and 2010 and participated in various research teams such as “Atelier Internet” and “Vox Internet,” both in Paris, France.

Emmanuel Picavet, born 1966 in Paris, is Professor of Modern and contemporary practical philosophy, Université de Franche-Comté (Besançon, France) since 2009. He teaches in the Humanities and Langages division (philosophy section), both in philosophy and in the methodology of the human and social sciences, and his research centre is LRPLA (Laboratory for philosophical research on the logic of action). He is also an associate member of research teams NoSoPhi (political and social philosophy) and IHPST (philosophy of science) in Paris. He is editor-in-chief, with Alain Marciana, of Revue de Philosophie économique/ Review of Economic philosophy, and a member of the Bord of the French Philosophical Society (Société Française de Philosophie). He edits the AGON book series (Presses Universitaires de Franche-Comté).

Martine Legris Revel is doctor (Phd) in sociology of organizations of the University Paris IX Dauphine (2003) and contemporary historian of the university Paris 1 Pantheon Sorbonne. Her Phd on the accompaniment of the participative change in companies’ bases on a participatory action research led in two companies (one in England and one in France). She was assistant of education and research in the ENSGSI (Nancy France, Ecole des Mines) in 2008-2009. She teaches at present the sociology and the change management at Science Po Lille and Edhec Business School. She is researcher within the Center of Study and Applied Research in the Political and Social Sciences (CNRS - CERAPS Lille 2 University). She is co director of a French Research group (CNRS) on participative democracy and participation (www.participation-et-democratie.fr). Her work is anchored on democratic governance stakes. She pilots a multiannual research project on post dialogical models of governance (PARTHAGE financed by the French National Research agency). She leads researches on the CSO’s participation in research projects (CONSIDER European project). She participates in several research projects on the democratic governance and the ecological democracy. Expert of the driving of the organizational change, she leads projects with companies and institutions on this axis.
**Catherine Rhodes**, Doctor, Research Fellow in Science Ethics, Institute for Science, Ethics, and Innovation, University of Manchester. Catherine has a background in international relations and previously worked with the Project to Strengthen the Biological Weapons Convention (Bradford University), assessing coherence among the international regulations relevant to the biotechnology revolution. Catherine continues to work on issues relating to the international governance of biotechnology (and science more generally). Recently, this has included work examining: how international organisations cooperate on issues of common concern; the meaning and content of scientific responsibility at the international level; and governance of genetic resources.

**Caroline Schieber** was educated in Economics at the Universities of Strasbourg and Paris (France). She is currently Project Leader at the CEPN (Nuclear Protection Evaluation Center) where she has been working for more than 20 years. She has been mainly involved in the development of methodologies and tools for the practical implementation of optimisation of radiation protection in Nuclear Power Plants as well as in reflections on the social stakes associated with the management of nuclear waste.

**Thierry Schneider** is Deputy Director of CEPN (Nuclear Protection Evaluation Centre – France). He got a PhD in Economics, in the field of health and insurance economics. Working since 1985 at CEPN, he has been involved in a number of projects related to the assessment and management of the radiological risk. He is particularly involved in the methodological reflection on the optimisation of radiation protection (risk assessment and economic valuation) and the development of the radiation protection culture among different publics. He is also involved in projects related to post-accident management and to radioactive waste management.

**Bernd Carsten Stahl** is Professor of Critical Research in Technology and Director the Centre for Computing and Social Responsibility at De Montfort University, Leicester, UK. His interests cover philosophical issues arising from the intersections of business, technology, and information. This includes ethics aspects of current and emerging of ICTs and critical approaches to information systems.

**Craig Steven Titus** is Associate Professor and Director of Integrative Studies at the Institute for the Psychological Sciences (Arlington, VA). He earned a Ph.D./S.T.D and a S.T.L. from the University of Fribourg (CH), as well as a M.A. in Philosophy from the Dominican School of Philosophy and Theology (Berkeley). He has written *Resilience and the Virtue of Fortitude: Aquinas in Dialogue with the Psychological Sciences* (2006), edited 12 books, and published numerous articles.

**Maria-Martina Yalamova** is a privacy law expert. She has a background in international development, technology and communications, and data protection. Maria works currently at the London office of Covington & Burling LLP where she advises leading software, technology and media companies on regulatory compliance matters, as well as data retention, e-commerce, and privacy laws. She sits on the advisory board of Privacy International. Maria holds a BA in International Communications from the American University of Paris and an MSc in Communications Policy and Regulation from the London School of Economics.