

Contributors

Stathis Arapostathis is Lecturer in the History of Science and Technology in the University of Athens, Greece. His research interests are in the history of technology, history and sociology of techno-scientific expertise, history of intellectual property in science and technology and history and policy of energy transitions. Previously, he worked on history and STS projects in the Universities of Leeds, Edinburgh and Cardiff. He recently co-authored (with Graeme Gooday) the book *Patently Contestable: Electrical Technologies and Inventor Identities in Britain* (MIT Press, 2013).

Henk van den Belt studied sociology at the University of Groningen and teaches philosophy and ethics at Wageningen University, The Netherlands. His interests include science and technology studies (STS), consumer and food ethics and the ethics of intellectual property in the modern life sciences. He has published on social constructivism, patent disputes in the synthetic dye industry, the work of Ludwik Fleck, the justification of the precautionary principle, biotechnology, synthetic biology and biofuels.

Elizabeth Bruton is currently a PhD student at the Centre for the History and Philosophy of Science at the University of Leeds. Her thesis, 'Beyond Marconi: the roles of the Admiralty, the Post Office, and the Institution of Electrical Engineers in the invention and development of wireless communication up to 1908', explores the roles of state and technical institutions in the early history of British wireless communications, their technological innovations and their influence on the activities of the Marconi Company. Her research interests include telecommunications history, military history, electrical history, Victorian technologies, museums, scientific institutions, computing history and scientific instruments.

Berris Charnley completed his PhD thesis, 'Agricultural Science and the Emergence of a Mendelian System in Britain 1880–1930', at the University of Leeds in 2012. He is currently a research fellow at the Law School, Griffith University. His work there at the Australian Centre for Intellectual Property in Agriculture focuses on the history of genetics, plant breeding and intellectual property during the twentieth and early twenty-first centuries. He is also a co-founder and organiser for the IPBio Network

(ipbio.org), an international group of scholars with shared interests in intellectual property and bioscience.

Graham Dutfield is Professor of International Governance at the School of Law, University of Leeds. He is also a Research Affiliate of the Intellectual Property and Technology Program, Osgoode Hall Law School, Toronto. Dr Dutfield's approach to the law and policy of intellectual property and innovation is interdisciplinary, containing elements of anthropology, economics, geography, history (of science and pharmaceutical intellectual property), development studies, and the life sciences including genetics. His most recent works include *Intellectual Property Rights and the Life Science Industries: Past, Present and Future* (2nd edn, World Scientific, 2009), and *Intellectual Property and Human Development: Current Trends and Future Scenarios* (Cambridge University Press, 2010) (edited with Tzen Wong). He previously worked at Queen Mary, University of London and the International Centre for Trade and Sustainable Development, Geneva. He has a DPhil from the University of Oxford.

Andreas Fickers is Associate Professor for Comparative Media History in the Department of Science and Technology Studies/Maastricht University. His research focuses on the cultural history of communication technologies and the transnational and European history of technology. He recently co-edited (together with Alexander Badenoch) *Materializing Europe: Transnational Infrastructures and the Project of Europe* (Palgrave Macmillan, 2010).

Paul Israel is the Director and General Editor of the Thomas A. Edison Papers at Rutgers University. He is the author of *Edison: A Life of Invention* (John Wiley & Sons, 1998), *From Machine Shop to Industrial Laboratory: Telegraphy and the Changing Context of Invention, 1830–1920* (Johns Hopkins University Press, 1992). With Robert Friedel he is co-author of *Edison's Electric Light: The Art of Invention* (Johns Hopkins University Press, 2010), which is a new edition of *Edison's Electric Light: Biography of an Invention* (Rutgers University Press, 1986).

Bram de Jonge is based at the Law and Governance Group of Wageningen University where he works in the field of intellectual property rights, genetic resources policies, and international development. In 2009, he acquired his PhD degree with 'Plants, genes and justice – an inquiry into fair and equitable benefit-sharing'. One of his recent publications is 'Agricultural seeds that reduce hunger and poverty – policies, perceptions and practices in IPRs' (with G. Tumushabe, J. Barungi and N. P. Louwaars), in W. Genugten and A. Meijknecht (et al.), *Harnessing Intellectual Property Rights for Development Objectives* (Wolf Legal Publishers, 2011).

Michiel Korthals (Amsterdam 1949) is a Dutch philosopher and ethicist, who wants not only to expose and analyze social philosophical and ethical issues of contemporary societies but also wants to treat them constructively. He studied Philosophy, Sociology and German at the University of Amsterdam and the Karl Ruprecht University in Heidelberg (FRG). In his dissertation, he analyzed the Frankfurt School (Marx, Adorno and Horkheimer, Marcuse and Habermas) from the perspective of a democratic social criticism. Subsequently he dealt with moral education and societal development. Since his appointment as Professor of Applied Philosophy at Wageningen University (1993), he has given shape with colleagues to a new discipline, the philosophy of food and agriculture, of both local and global significance, with respect for animals, sustainability and landscape as essential components. Main publications are: *Pragmatist Ethics for a Technological Culture* (with Keulartz et al.; Kluwer, 2002); *Ethics for Life Sciences* (Springer, 2005); *Before Dinner: Philosophy and Ethics of Food* (Springer, 2004); *Pépé Grégoire: A Philosophical Interpretation of his Sculptures* (Waanders, 2006); *Genomics, Obesity and the Struggle over Responsibilities* (Springer, 2011).

Eda Kranakis is Professor of History at the University of Ottawa, and author of 'Patents and Power: European Patent System Integration in the Context of Globalization', *Technology and Culture* 48 (4) (October 2007), 689–728. She is co-editor, with Nil Disco, and a contributor to *Cosmopolitan Commons: Sharing Resources and Risks Across Borders* (MIT Press, forthcoming 2013).

Theodore Lekkas teaches History and Philosophy of Science in Greek secondary education. He studied History and Philosophy of Science at the National and Kapodistrian University of Athens (2000) and he holds Master's Degrees (MAs) in History and Philosophy of Science and Technology from the National and Kapodistrian University of Athens and the National and Technical University of Athens (2004) and from the International Master Program in European Studies of Society, Science and Technology (ESST) (2008). He is now writing his PhD thesis on aspects of the history of home computing in 1980s Greece. His research interests include the adaptation of computer technology at the local level (localization), computer subcultures in use, the intervention between social and technical in the personal and home computing and the process of mediating computer use.

Niels Louwaars is currently Executive Director of Plantum, the Dutch association of seeds and planting materials companies in The Netherlands. At the time of writing the chapter he was with Wageningen University. Trained as a plant breeder/geneticist he worked in developing country seeds

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Andrea R. Maestrejuan is an Assistant Professor at Metropolitan State University of Denver. She earned her PhD from UCLA in 2009 in European history, specializing in German history and the history of science and technology. She also has a BS in Biological Sciences from the University of California, Irvine. Her research focuses on the development of markets for technology in imperial Germany and how inventors negotiated the boundaries of the German system of intellectual property rights. In addition to studying the creative pursuits of dead inventors, she is also an oral historian. She has worked on several projects to document the history of contemporary biomedical science and the development of human and medical genetics.

Joris Mercelis recently completed a PhD project on Bakelite inventor Leo H. Baekeland (1863–1944) at Ghent University under the supervision of Professors Christophe Verbruggen and Danny Segers and financed by the Fund for Scientific Research – Flanders. He is a member of Ghent University's research groups 'Social History after 1750' and 'Communities, Comparisons and Connections,' as well as of its Centre for the History of Science. An earlier publication of his, also dealing with intellectual property issues, appeared in the April 2012 issue of the journal *Technology & Culture*.

Susan W. Morris, PhD, is currently Lecturer and Fellow in the History of Science and Technology Dept. at the Johns Hopkins University in Baltimore, Maryland, USA. Her research ranges across three related areas: (1) entrepreneurship, especially by academic scientists and engineers, in the nineteenth and twentieth centuries; (2) research, development, and innovation as carried out by small enterprises; (3) academic technology transfer (TT) and government TT policies.

Peter Munyi is a Doctoral Researcher at the Law and Governance Group, Wageningen University, The Netherlands. His research focuses on IPR flexibilities in integrated seed sector development (ISSD). His recent publications include 'Implementing the Nagoya Protocol in Africa: opportunities and challenges for African indigenous peoples and local communities' (with Harry Jonas) in E. Morgera, M. Buck and E. Tsioumani (eds), *The Nagoya Protocol in Perspective: Implications for International Law and Implementation Challenges* (Brill/Martinus Nijhoff, 2012).

Simone Turchetti is an Independent Research Fellow at the Centre for the History of Science, Technology and Medicine (CHSTM), University of Manchester, UK. In 2012 he published *The Pontecorvo Affair: A Cold War Defection and Nuclear Physics* (University of Chicago Press), which details further on the importance of patenting activities in the life and career trajectory of Italian physicist Bruno Pontecorvo. Simone is currently the Principal Investigator for the research programme ‘TEUS – The Earth Under Surveillance: Geophysics, Climate Change and the Cold War Legacy’ funded by the European Research Council.