Contributors

Anda Adamsone-Fiskovica is a researcher and project manager at the Centre for Science and Technology Studies of the Latvian Academy of Sciences. She holds an MSc in Sociology from the University of Latvia and an MA in Science and Technology Studies from the Linkoping University (Sweden). She has also finished doctoral studies in sociology at the University of Latvia (2003–07). Her main research interests are related to R&D and innovation policy, development of higher education, and science–society relations in Latvia. She is the Latvian team leader in several international research projects and a member of a number of European innovation and science researchers’ networks.

Isabel Bortagaray is Senior Program Officer with the International Development Research Centre, Ottawa, Canada. She holds a PhD in Public Policy (Science and Technology Policy, Georgia Institute of Technology). Her research has focused on science, technology and innovation studies in the context of developing countries, including work on Argentina, Brazil, Costa Rica, Colombia, New Zealand and Uruguay. More recently Dr Bortagaray has taken part in a project on the Distributional Assessment of Emerging Technologies led by Susan Cozzens at the Technology Policy and Assessment Center (Georgia Institute of Technology), as well as a project on The Evolving Role of Academic Institutions in Innovation Systems and Development in Uruguay coordinated by Judith Sutz and Rodrigo Arocena (University of the Republic, Uruguay).

Tran Ngoc Ca is Director of Secretariat for the National Council for Science and Technology Policy, and Deputy Director, National Institute for Science and Technology Policy and Strategy Studies, Hanoi, Vietnam. He has been working on projects on science, technology and innovation policy and management, information technology and electronics commerce for UNDP, UNIDO, World Bank, European Commission, CIDA, SIDA/SAREC, IDRC, among others. He is involved in various teaching and consulting works. Dr Ca gained an engineering degree at Moscow Mining University (former Soviet Union), a Master’s at Lund University (Sweden) and a PhD at the University of Edinburgh (UK). He spent time in US universities such as UC Davis, UC Berkeley and Stanford as
visiting Fulbright scholar. He has published many articles and chapters in books, and a book titled *Technological Capability and Learning in Firms: Vietnamese Industries in Transition* (Ashgate Publishing, UK). He is a member of several professional associations in Vietnam and abroad.

**José Eduardo Cassiolato** is Professor of Innovation Studies and Coordinator of RedeSist at the Economics Institute, Federal University of Rio de Janeiro, Brazil. He holds a DPhil from SPRU, the University of Sussex, UK. His main research activities are connected to science and technology policies and national and local systems of innovation in less developed countries. Such research focuses particularly on interactive learning and capacity building and in national and local processes of innovation-related development. Currently he is in charge of an international comparative study on the National Systems of Innovation of Brazil, Russia, India, China and South Africa.

**Le Van Chuong** has a first degree in mining engineering and is Head of Department for postgraduate training, National Institute for S&T Policy and Strategy Studies (NISTPASS), Vietnam.

**Bitrina D. Diyamett** is an Executive Director of the African Technology Policy Studies Network, Tanzania Chapter (ATPS-Tanzania), an NGO engaged in policy research in science, technology and innovation in Tanzania. She holds a PhD in development studies, University of Dar es Salaam; and a Master’s degree in Science and Technology Policy from Lund University, Sweden. Much of her research work, including her PhD thesis, consultancies and publications, focuses on systems of innovation in the context of least developed countries.

**Bo Göransson** is Senior Research Fellow and coordinator of the LEAP4D research group at the Research Policy Institute (RPI), Lund University, Sweden. He holds a PhD in International Economics from Aalborg University, Denmark. His research work focuses on how knowledge and learning systems drive economic development and growth. Much of the research deals with issues related to innovation policies, capacity building and impact of new technologies in developing countries, particularly in the area of information and communication technologies (ICT). In a related line of research, he studies the role of universities in innovation systems and development.

**Birgitte Gregersen** is Head of Department at the Department of Business Studies, Aalborg University, Denmark. She is a member of the IKE-Research Group and has researched and published within the field of technical change and employment, IT in the public sector, public technology
procurement, studies of national systems of innovation, university–industry linkages, innovation policy, and sustainable development. Her current research is centred around systems of innovation with a special focus on institutions and learning capabilities in a sustainable development perspective.

**Janis Kristapsons** is the founder (1991) and head of the Centre for Science and Technology Studies of the Latvian Academy of Sciences and advisor to the President of the Academy. His academic background is in nuclear and solid state physics and sociology. His main research interests currently cover research and innovation policies in the East and Central European countries, R&D and inventing activity, technology transfer and industry–academia linkages, as well as S&T indicators and research evaluation. Together with his Estonian and Lithuanian colleagues he has written a monograph on the transition of the Baltic R&D systems (2003).

**Ralf Lindner** is a Professor for Political Science at the Department for Politics and Public Affairs at the Quadriga Hochschule in Berlin and a senior researcher at the Fraunhofer Institute for Systems and Innovation Research (ISI) in Karlsruhe. He received his degree in Political Science and Economics from the University of Augsburg, completed graduate work at the University of British Columbia (Vancouver) and postgraduate studies at Carleton University (Ottawa). His doctoral dissertation focuses on the application and integration of digital networks in the communication strategies of intermediary organizations in North America. In addition to his research in the area of new media and society, Professor Lindner has specialized in science, technology and innovation policy analyses.

**Aija Lulle** has worked with the Centre for Science and Technology Studies of the Latvian Academy of Sciences since 2008. In 2001, she graduated the Master’s programme in Sociology at the University of Latvia and is currently continuing her PhD studies in human geography at the same university. Since 2004 she has been working with several national and international research organizations and units on various mobility-related topics. Her main research interests are related to migration and transnationalism studies.

**Paula Macucule** is a junior researcher at the Biotechnology Center of the Eduardo Mondlane University (EMU), Mozambique. She holds a BSc in Biology from EMU. Her main research area is molecular parasitology and she is actively engaged in the characterization of drug resistance patterns in populations of African pathogenic trypanosome species in Mozambique.
Nguyen Phuong Mai has a background in Law studies, received an MSc from Maastricht University, and now works for the Department of Technology Market and Innovation, National Institute for S&T Policy and Strategy Studies (NISTPASS), Vietnam.

Emmarold Mneney is a Principal Agricultural Research Officer of the Mikocheni Agricultural Research Institute (MARI), Tanzania. He has a PhD in biotechnology from the University of London, UK and long-standing research interest in the field of agricultural biotechnology. His current research interests are molecular markers, tissue culture and genetic diversity and germplasm conservation of various tropical crops including cashew, sweet potatoes, sorghum, maize, cassava, banana and tomato. He also has experience in technology transfer technologies, biosafety and innovation systems. He has worked on several collaborative programmes and his current/recent research projects include: Genetic transformation for drought tolerant maize; development of Marker Assisted Selection (MAS) technologies to support breeding for tolerance to Aluminium (Al) toxicity in sorghum; and Product Development Partnership (PDP) for the appropriation of knowledge and innovation in biotechnology in Tanzania.

Ana Maria da Graça Mondjana is a Professor of Plant Pathology at the Faculty of Agronomy and Forestry Engineering, Eduardo Mondlane University, Mozambique. She holds a PhD in Plant Pathology. Although her research has been in a wide range of crops and diseases, her main focus has been on the epidemiology and management of viral diseases of vegetables and leguminous crops.

Luis Félix Montalvo Arriete is Senior Researcher of the Chair Science Technology Society and Innovation at the University of Havana, Cuba. He holds a PhD in Scientific and Technological Policy from the University of Campinas (UNICAMP), Brazil. Much of the research deals with issues related to science and technology policies, innovation policies and innovation systems. His research work focuses on the role of universities in innovation systems.

Burton L.M. Mwamila is an experienced engineering academic, researcher and consultant. He spearheaded the establishment of the College of Engineering and Technology, for which he served as its first Principal from 2005–09. He was the first Chairman of the National Council for Technical Education from 1999–07. He is currently the Chairman of the Tanzania Commission for Science and Technology (COSTECH) and the Tanzania Automotive Technology Centre (TATC). At regional level he has been a Member of the Governing Council of the African Network of Scientific and Technological Institutions (ANSTI) from 2000–09, and at continental
level he has been Chairman of the Executive Board of the Pan-African Competitiveness Forum (PACF) since 2008. Since July 2009 he has been the founding Vice Chancellor of the Nelson Mandela African Institute of Science and Technology (NM AIST) in Arusha, Tanzania.

**Luis Neves** is a Senior Lecturer of Parasitology at the Veterinary Faculty, Eduardo Mondlane University, Mozambique and Director of the Biotechnology Center of the same university. He holds a PhD in Veterinary Parasitology from the University of Liverpool, UK. His main area of research is molecular protozoology with emphasis on the development of molecular diagnostic tools and vaccines. Since 2003 he has also been interested in the research of institutional models for science advancement in developing countries.

**Jorge Núñez Jover** studied chemistry, has a PhD in philosophy and is Director for Postgraduate Studies at the University of Havana. He is the coordinator of the Master’s and Doctoral programmes on Science, Technology and Society. He holds the chair in science, technology, society and innovation. He has published 10 books and over 100 papers. His research is in the areas of education, science, technology and society; postgraduate studies evaluation and accreditation, as well as university science policy. He is Invited Professor in universities in Spain, Germany, Brazil, Mexico and other countries in Latin America and the Caribbean.

**Isarelis Pérez Ones** graduated in Sociology in 1997, and also with a Master’s in Science, Technology and Society (STS) at the University of Havana where she is now an assistant professor. She was a graduate student at Roskilde University, Denmark (2002–03). In 2005 she took a training PhD Program, ‘Globelics Academy’, at the Technical University of Lisbon. She is finishing her PhD on STS at the University of Havana. Her main interests are related to the social studies of science and technology and higher education. Her current work has focused on the role of universities in the systems of innovation.

**Carl Magnus Pålsson** is Associate Professor at the Research Policy Institute (RPI), Lund University, Sweden. He holds a PhD in history of science and ideas. His research interests revolve around innovations systems and policies in the knowledge economy, and how organizations for higher education and research are transformed in historical, cultural and institutional dimensions.

**Tran Thi Phuong** has a background in natural and engineering sciences, received an MSc from Hue University and studied in Canada, is pursuing
a PhD degree at the Asian Institute of Technology (Bangkok), and is a lecturer at Hue Agriculture and Forestry University (HUAF), Vietnam.

**Márcia Siqueira Rapini** is an associate researcher at CEDEPLAR – Federal University of Minas Gerais (UFMG) and a PhD student in Economics at the Economics Institute, Federal University of Rio de Janeiro, Brazil. She graduated from UFMG in 2000 and holds a Master’s degree in Economics (UFRJ, 2004). Her research interests within industrial economics and economics of science of technology include: national systems innovation, university–industry interactions, and finance and innovation.

**Thomas Reiss** is head of the Competence Center ‘Emerging Technologies’ at Fraunhofer ISI. He holds a PhD in Molecular Biology from Freiburg University (1983) and joined Fraunhofer ISI in 1987. His current research is focusing on national and sectoral innovation systems; foresight and impact assessment of new technologies; and innovation policies. He is a member of the Management Committee of the European Techno-Economic Policy Support Network (ETEPS) and member of the editorial boards of the *International Journal of Biotechnology* and the *International Journal of Learning and Change*. At the Karlsruhe Institute of Technology (KIT) he lectures on the management of new technologies.

**Carlos Miguel Ribeiro** is a Senior Lecturer in Tropical Horticulture at the Faculty of Agronomy and Forestry Engineering, Eduardo Mondlane University, Mozambique. He holds an MSc in Crop Science from the University of Viçosa, Brazil. His main research interests are in the area of tropical fruits with emphasis on socio-economical factors associated with fruit production.

**Galina Sagieva**, Doctor in Economics, is the Head of Department for Studies of Intellectual Property and Technology Transfer of the Institute for Statistical Studies and Economics of Knowledge, State University – Higher School of Economics (SU-HSE), and a Senior Lecturer in Innovation Management. Her research interests refer to S&T statistics (methodology, analysis) and policies, which are reflected in over 100 publications. She has taken part in international projects initiated by the OECD, EC, World Bank, IIASA, IAIA, among others. She is a member of the national expert group of Russia’s accession to the OECD on issues of S&T policy and development of biotechnology.

**Ulrich Schmoch** is private lecturer at the University of Karlsruhe (Germany), senior researcher at the Fraunhofer Institute for Systems and Innovation Research, and scientific manager at the office of the Expert Commission on Research and Innovation in Berlin (Germany).
He received a degree in mechanical engineering, a doctoral degree in social and political sciences at the University of Hanover (Germany), and a state doctoral degree in sociology of science and technology from the University of Karlsruhe (Germany). The focus of his research is systems of innovation, knowledge transfer, innovation indicators, and structures of scientific research.

Sara Gonçalves Antunes de Souza has been an Assistant Professor at Universidade Estadual de Montes Claros UNIMONTES since 1999 and a PhD student in Economics at Universidade Federal do Rio de Janeiro-UFRJ. She holds a Master’s degree in Economics from Universidade Federal de Minas Gerais-UFMG. Her main research subjects in industrial economics and economics of technology include innovation systems and university–industry linkages, business incubators and biotechnology. During 2005–06 she was coordinator of the Center of Intellectual Property (PROTEGE/ÁGORA) at Universidade Estadual de Montes Claros-UNIMONTES.

Judith Sutz is the Academic Coordinator of the University Research Council of the Universidad de la República, Uruguay, and Full Professor of Science, Technology and Society. She holds a PhD in Socio-Economics of Development from the University of Paris-Sorbonne. Her research work focuses on innovation and the production and social use of knowledge in developing countries. She was part of the Task Force on Science, Technology and Innovation of the UN Millennium Project, and she is a fellow of WAAS and integrates the Scientific Board of Globelics.

Erika Tjunina is a senior researcher at the Centre for Science and Technology Studies of the Latvian Academy of Sciences. She received her diploma in Chemistry from the Riga Technical University and holds a doctoral degree in Engineering Sciences in polymer mechanics. Her research work at the Centre primarily deals with the scientometric analysis (quantitative S&T indicators) of the Latvian science and the studies of the inventions and inventors of Latvia. She has also been involved in a range of projects dealing with the role of academic institutions in the national R&D and innovation systems.

Wang Haiyan is Associate Research Professor at the Chinese Academy of Science and Technology for Development, Ministry of Science and Technology, PRC. Her research mainly focuses on regional development, National Innovation Systems, S&T Strategy and related policies. She has undertaken about 30 international, national and regional projects in the fields of science and technology strategy, regional development as research director or main researcher, and has published 5 books and about 30
articles in the fields of science and technology strategy, innovation policy research, national innovation systems and regional development.

**Zhou Yuan** has a PhD in regional development and is Research Professor and Deputy Director-General, The Administrative Center for China's Agenda 21 (ACCA21), Ministry of Science and Technology, PRC. He is Vice President of the China Association of High Technology Industry Development, and is International Advisory Board Member of the Center for Science, Technology and Innovation in China, The Levin Institute, The State University of New York. He is Professor of The University of Science and Technology of China, Xian Jiaotong University, The University of Science and Technology of Beijing, Institute of Nature Science History of the Chinese Academy of Science. He has undertaken over 50 international, national and regional projects as research director in the fields of science and technology strategy and regional development and has published 10 books and over 100 articles in Chinese and English in the fields of science and technology strategy and policy, and regional development.

**Graziela Ferrero Zucoloto** is a researcher at the Institute of Applied Economic Research (IPEA) and RedeSist and a PhD student in Economics at the Economics Institute, Federal University of Rio de Janeiro (UFRJ), Brazil. She graduated from the University of São Paulo (USP) in 1999 and holds a Master’s degree in Economics (USP, 2004). Her main research interests in Industrial Economics and Economics of Technology include: industrial and innovation policy, innovation and the health sector, multinational enterprises and innovation, intellectual property rights (IPR), IPR and competition policy.