Contributors

Gerd Bender is Professor of Sociology at the HdBA – School of Labour Market Studies, Mannheim, Germany. He worked as a teacher and a researcher in various universities such as Goethe University, Frankfurt, Vienna University of Technology and Dortmund University, and in both public and private institutes. Innovation in traditional sectors in particular is one of his main research interests. His recent publications include: ‘Peculiarities and relevance of non-research-intensive industries in the knowledge-based economy’, final project report, Dortmund 2006 (www.pilot-project.org/publications/publications.html); Technologieentwicklung als Institutionalisierungsprozess, Berlin, 2006; ‘Non-research-intensive industries in the knowledge economy’, Perspectives on Economic Political and Social Integration, (editor with David Jacobson and Paul L. Robertson) XI, no. 1–2, special edition, Lublin, 2005.

Daniela Freddi is a PhD student in industrial economics. Her main research interests are industrial economics, learning and innovation in low- and medium-tech sectors, and regional development policies. Her recent publications include: ‘From industrial districts to company network’, (with A. Bardi), in H. Hirsch-Kreinsen, D. Jacobson, S. Laestadius (eds), Low-Tech Innovation in the Knowledge Economy, 2005; ‘The integration of old and new technological paradigms in LMT sectors: the case of mechatronics’, Research Policy, special issue on technological change in low- and medium-technology industries, forthcoming.

Alexander Gerybadze is Professor of International Management, Hohenheim University, Stuttgart, Germany. His studies have been in economics, mathematics and business administration in Heidelberg (1973–8) and Stanford (1979–80). He earned his PhD on Evolutionary Models of Technical Change at Heidelberg University in 1980. Other assignments have been 1981–3 at the VDI Technology Center Berlin, 1983–90 at the Arthur D. Little International in Wiesbaden and Habilitation on Managing Networks and Strategic Alliances in 1991. He was Professor of Technology Management at St Gallen Business School, Switzerland 1991–5, and since 1996 has been Director, Center for International Management and Innovation, Hohenheim University. He is a member of the Executive Board, Center for Innovation and Services and an Honorary Research
Fellow at the University of Manchester. His recent work includes research on innovation and knowledge management in multinational firms, R&D internationalization and offshoring, knowledge transfer in distributed teams, management and organization of innovation clusters, and on standard-setting consortia.

Benoît Godin is professor at Institut National de la Recherche Scientifique in Montreal, QC, Canada. He holds a DPhil in science policy from Sussex University, UK. He has written extensively on science policy and statistics. He is currently involved in a project on the history of science and technology statistics from which two books have recently been published: *Measurement and Statistics on S&T: 1920 to the Present*, London: Routledge, 2005, and *La science sous observation: cent ans de mesures sur les scientifiques, 1906–2006*, Québec: Presses de l’Université Laval, 2005. He has recently started a large-scale project on the intellectual history of innovation as a category, from the Middle-Ages to the present day.

Hariolf Grupp studied physics and mathematics at Heidelberg University and received his doctorate in 1978. Post-doctoral studies were in Jerusalem, Grenoble, Tbilisi, and Cambridge, MA. Since 1985 he has been at the Fraunhofer ISI and was Deputy Director of the institute from 1996 to 2005, and Director from 2005 to 31 March 2007. He is a recipient of the Fraunhofer Prize. On 1 January 2001 he was appointed Professor of the Chair of System Dynamics and Innovation at the Institute for Economic Policy Research (IWW) at Karlsruhe University. His present research topics include: the economics of technical change, science and technology indicators, industrial R&D management and research policy, science and innovation studies, technology assessment and foresight. Grupp is editor of the series of books *Industrial Dynamics, Entrepreneurship and Innovation*, and has written many journal articles and made book contributions.

Linda Gustavsson is a PhD candidate at the Royal Institute of Technology (KTH), Stockholm. Her research interest is in knowledge formation processes in globalized industrial systems. She has previously participated in the EU-project PILOT (Policy and Innovation in Low-Tech) and in a project studying Swedish regional innovation policy.

Katrin Hahn, a PhD student, works at the Chair of Economic and Industrial Sociology at Dortmund University of Technology. Her main research interests are innovation and diffusion in industrial sectors and European innovation policy. Her recent publications include ‘Der Lissabon-Prozess: Das Innovationskonzept und die Auswirkungen auf die Politikgestaltung’, sociological working paper no. 20/2008, edited by Hartmut Hirsch-Kreinsen and Johannes Weyer, TU Dortmund.
Martin Heidenreich is involved in the studies of sociology and business administration in Bielefeld, Bologna and Paris, as Professor of Sociology with special attention to Social Stratification. His research interests are regional and national patterns of work, management and innovation and the Europeanization of national societies. He has published nearly 100 books and articles on regional innovation systems and regional experimentalism and the organization of work, technologies, management and innovation in knowledge societies. Among them are: Regional Innovation Systems (co-editor, with Hans-Joachim Braczyk and Philip Cooke), London, 2002; ‘Regional inequalities in the enlarged EU’, Journal of European Social Policy, 2003; ‘The renewal of regional capabilities’, Research Policy, 2005; and ‘Innovation in European low- and medium-technology industries’, Research Policy, 2008.

Hartmut Hirsch-Kreinsen is Professor of Economic and Industrial Sociology at the Dortmund University of Technology, Germany. He has done research at the Institute for Social Research in Munich (ISF), at the University of Wisconsin in Madison, WI, and at the Arbetsmiljöinstitutet in Stockholm. His working fields include the internationalization of companies and company networks, the change of sectoral structures and development of work, and innovation studies and development processes of new technologies. His recent publications include: Wirtschafts- und Industriesoziologie, Weinheim 2005; Low-tech Innovation in the Knowledge Economy (editor with David Jacobson and Staffan Laestadius) Frankfurt 2005; and ‘“Low-tech” innovations’, Industry & Innovation, 15, no. 1 February, 2008, 19–43.

David Jacobson is Professor of Economics at Dublin City University in Ireland. He completed his first degree at Hebrew University of Jerusalem, his Masters at Sussex University and his PhD at Trinity College, Dublin. In addition to spending most of his working life in Ireland, he has taught in the USA, France, Israel and Cyprus. His research interests include sub-sectoral industry studies, systems of innovation, economic geography, MNEs and European integration. His recent articles have been published in such journals as Economic Geography, Journal of Economic and Social Geography, Prometheus and European Planning Studies. His recent books include Industrial Economics and Organization: A European Perspective (with Bernadette Andreosso). With Paul Robertson and Richard Langlois he is a contributor to the Handbook of Industrial Districts.

Steffen Kinkel, PhD, is head of the competence center Industrial and Service Innovations at Fraunhofer Institute for Systems and Innovation Research (ISI), Karlsruhe, Germany. The main focus of his research is international

Eva Kirner, PhD, is a researcher at Fraunhofer Institute for Systems and Innovation Research in Karlsruhe, Germany. She obtained her degree in business administration at the University of Mannheim with her main focus on Management Studies and Organization. She received her PhD from the University of Dortmund. Her research mainly focuses on analysis of innovative organization and work concepts, especially future challenges in this field, competence management and innovation measurement. Her recent publications include: Patterns of Organisational Change in European Industry (PORCH). Ways to Strengthen the Empirical Basis of Research and Policy, (with H. Armbruster et al.) Innovation Papers no. 46, Brussels, Luxembourg: European Commission, 2007.

Staffan Laestadius, PhD, is Professor of Industrial Dynamics at the Royal Institute of Technology, Stockholm, Sweden. His research interests include knowledge formation processes, in particular non-R&D-based innovations, globalization and industrial and technical implications of climate change.

Gunter Lay, PhD, studied business administration at the University of Mannheim. In 1978 he started work at the Fraunhofer ISI, where he set up the Innovations in Production group. The results of his research activities have been published in a great number of professional journals and compilations. He has been invited to sit on a number of panels of experts and advisory boards on account of his experience. Parallel to his work at Fraunhofer ISI, he was offered lecturing assignments by the Universities of Strasbourg, Hanover and Kassel as well as the Technical College Schmalkalden, Germany. In 1996 he was awarded a visiting professorship at the University of Grenoble, France. The main focus of his present work in Fraunhofer ISI is the coordination of the institute’s survey on innovations in production.

Vicky Long is a PhD candidate at the Royal Institute of Technology Stockholm. Her current research projects include ‘Catching up and from
above – the case of the Chinese ICT international expansion’, and ‘The mechanisms of wireless industrial and technological transformation’.

**Bernard Musyck** is Associate Professor at the School of Economic Sciences and Administration, Frederick University, Nicosia, Cyprus. His main research interests include innovation policies, localized learning and endogenous industrialization with special emphasis on small- and medium-sized enterprises. Since June 2005 he has been working on the economics of innovation in the aviation industry in Europe within the context of a European Commission-funded Integrated Project aimed at transforming the aviation industry and improving flight safety through the integration of human factors knowledge into all aviation-related activities.

**Paul L. Robertson** holds an adjunct professorship in the Faculty of Business of the University of Tasmania, Australia. He is the author, co-author or editor of more than 70 books and articles including *Firms, Markets and Economic Change: A Dynamic Theory of Business Institutions* (written with Richard N. Langlois). He is also the co-author of articles on the role of low- and medium-technology sectors in modern economies which have been published in *Research Policy, Industry and Innovation* and *Prometheus*.

**André Slowak** is Research Associate at the Hohenheim University’s Department for International Management in Stuttgart, Germany. He is also a PhD candidate at Hohenheim’s Center for International Management and Innovation. He holds a Diplom-Kaufmann as well as a Diplom-Ökonom from the Technical University of Dortmund, Faculty of Economics and Social Sciences. Meanwhile, in his studies, he has been Research Assistant and Student Management Consultant in several projects at the Fraunhofer Institute for Material Flow and Logistics, Dortmund.


**Marja Toivonen**, PhD, is Research Director at the Innovation Management Institute at Helsinki University of Technology, Finland. Toivonen leads a
research group focusing on services innovation. She has written several articles on this topic and has been an invited speaker in conferences organized in this emerging field. Earlier, Toivonen worked as foresight project manager and head of the research unit at the Employment and Economic Development Centre for the Helsinki region. In this work, she participated in several international groups developing foresight, for example the High Level Expert Group of the EU project ‘Blueprints for foresight actions in the regions’. Her recent publications include ‘The role of KIBS in the IC development of regional clusters’, Journal of Intellectual Capital, (with A. Smedlund), 2007, 8, 159–70; ‘Innovation process interlinked with the process of service delivery – a management challenge in KIBS’, (with T. Tuominen and S. Brax) Economies et Sociétés, 3, 2007, 355–84.

James Wickham, PhD, is Director of the Employment Research Centre, and Jean Monnet Professor of European Labour Market Studies in the Department of Sociology at Trinity College, Dublin, Ireland. He has researched and published on Irish industrialization and labour market issues, especially in the electronics industry. Main interests include high-technology industry and high-skill labour markets, equal opportunities, employment and transport, and European employment policy. His publications include: ‘The development of policy relevance in European social research’ (with L. Greco, P. Landri and M. Tomassini) in M. Kuhn and O. Remoe (eds), Building the European Research Area – Socio-economic Research in Practice, New York and Berlin, 2005, pp. 177–237; ‘Training cubs for the Celtic Tiger: the volume production of technical graduates in the Irish educational system’ (with G. Boucher); Journal of Education and Work, 2004, 17, no. 4, 377–95; ‘Something new in old Europe? Innovations in EU-funded social research’, Innovation, European Journal of Social Science Research, 2004, 17, no. 3, 187–204.

Anna Wziątek-Kubiak is Professor of Economics and Head of Department at the Institute of Economics, Polish Academy of Sciences, Lazarsky School of Commerce and Law, Warsaw, Poland, and a consultant at the CASE Foundation in Washington, DC. She has been involved in research on industrial competitiveness, enterprise restructuring, innovation and international trade. In addition to chapters in books and journal articles, her previous publications include: Changes in Competitiveness of Polish Manufacturing Industries and Structural Change and Exchange Rate Dynamics in the Context of the EU Enlargement (edited with Paul J. Welfens), Springer, 2005; Industrial Competitiveness and Restructuring in Enlarged Europe. How Accession Countries Catch Up and Integrate in the European Union (edited with Iraj Hoshi and Paul J. Welfens), Palgrave Macmillan, 2007.