

The Republic of Skill

Knowledge Infrastructure and Knowledge Economy

Edited by

Karel Davids (*vU University, Amsterdam*)
Larry Stewart (*University of Saskatchewan, Saskatoon*)

VOLUME 9

The titles published in this series are listed at brill.com/knie

The Republic of Skill

*Artisan Mobility, Innovation, and the Circulation of
Knowledge in Premodern Europe*

Edited by

David Garrioch



BRILL

LEIDEN | BOSTON

Cover illustration: Jan Luyken, De Timmerman, 1694. Reproduced courtesy of the Rijksmuseum, Amsterdam.

Library of Congress Cataloging-in-Publication Data

Names: Garrioch, David, editor.

Title: The republic of skill : artisan mobility, innovation, and the circulation of knowledge in premodern Europe / edited by David Garrioch.

Description: Boston : Brill, [2022] | Series: Knowledge infrastructure and knowledge economy, 1877-2323 ; vol 9 | Includes bibliographical references and index.

Identifiers: LCCN 2022024911 (print) | LCCN 2022024912 (ebook) | ISBN 9789004513242 (hardback ; alk. paper) | ISBN 9789004513259 (ebook)

Subjects: LCSH: Artisans--Europe--History--To 1500. | Skilled labor--Europe--History--To 1500. | Diffusion of innovations--History--To 1500. | Labor mobility--Europe--History--To 1500.

Classification: LCC HD4847 .R47 2022 (print) | LCC HD4847 (ebook) | DDC 330.94/01--dc23/eng/20220603

LC record available at <https://lcn.loc.gov/2022024911>

LC ebook record available at <https://lcn.loc.gov/2022024912>

Typeface for the Latin, Greek, and Cyrillic scripts: "Brill". See and download: brill.com/brill-typeface.

ISSN 1877-2323

ISBN 978-90-04-51324-2 (hardback)

ISBN 978-90-04-51325-9 (e-book)

Copyright 2022 by David Garrioch. Published by Koninklijke Brill NV, Leiden, The Netherlands.

Koninklijke Brill NV incorporates the imprints Brill, Brill Nijhoff, Brill Hotei, Brill Schöningh, Brill Fink, Brill mentis, Vandenhoeck & Ruprecht, Böhlau and V&R unipress.

Koninklijke Brill NV reserves the right to protect this publication against unauthorized use. Requests for re-use and/or translations must be addressed to Koninklijke Brill NV via brill.com or copyright.com.

This book is printed on acid-free paper and produced in a sustainable manner.

Contents

	Acknowledgements	VII
	List of Figures and Tables	VIII
	Notes on Contributors	IX
1	Introduction	
	<i>Artisan Mobility and Innovation in Pre-industrial Europe</i>	1
	<i>David Garrioch</i>	
2	Shared Skills and Technologies of Community Formation	
	<i>Artisanal Epistemologies, Secrecy and Governmentality in Long-Term Context</i>	35
	<i>Bert De Munck</i>	
3	Artisan Mobility and the Circulation of Knowledge in the Glass Industry in Early Modern Europe	65
	<i>Corine Maitte</i>	
4	Seducing Europe	
	<i>Swiss Sugar-Bakers on the Move</i>	90
	<i>Margrit Schulte Beerbühl</i>	
5	Circulation of Artisans and Techniques in Construction Sites in Early Modern Europe	119
	<i>Nicoletta Rolla</i>	
6	Foreign Furniture-Makers and Innovation in Eighteenth-Century Paris	145
	<i>David Garrioch</i>	
7	Making and Marketing Porcelain in Eighteenth-Century London	169
	<i>Matthew Martin</i>	
8	The Eckhardt Family	
	<i>Inventors on the Move in the Dutch Republic and England, c.1760–1820</i>	191
	<i>Karel Davids</i>	

- 9 A Difficult Matching
 *Female Artisans, Technical Knowledge and Inventions in Early Modern
 Savoy-Piedmont* 223
 Beatrice Zucca Micheletto
- 10 Made in France?
 *British Women Workers in the Eighteenth-Century Paris
 Fashion Trades* 246
 Simon Macdonald
- 11 Innovation, Mobility and Knowledge Transfer in Madrid,
 1680–1820 274
 José Antolín Nieto Sánchez
- 12 Painters on the Move in Seventeenth-Century Europe 304
 Maarten Prak and Sander Karst
- Index 333

Acknowledgements

The Editor would like to thank the Australian Research Council for financial support, both for the workshop at which a number of the essays in this volume were first presented and for editorial work on the final volume. Claire Rioult and the staff at the Monash University Centre in Prato provided invaluable and efficient assistance in organising the workshop.

The contributors wish to thank the anonymous reviewers for their comments on the first version of this book. They also extend particular thanks to Paul Smitz for a wonderful job of copyediting the volume.

The Editor also wishes to thank Rosanna Woensdregt, Brill Associate Editor for Biology and History of Science. Thanks above all to all of the individual contributors, whose patience and good humour throughout the long revision process have been exemplary.

Figures and Tables

Figures

- 5.1 Instructions for the roof of the Stables and the Orangery at Venaria Reale. 130
- 5.2 Capitals for the pilasters of the Basilica of Superga. 130
- 5.3 Capitals of the tambour of the Basilica of Superga. 131
- 11.1 Birthplaces of new master artisans in Madrid, 1700–1836. 286
- 12.1 Number of painters from the Low Countries working in Britain, per year, 1500–1800. 316

Tables

- 8.1 Eckhardt family inventions. 199
- 12.1 Geographical origins of painters working in Amsterdam, 1580–1699. 311
- 12.2 Origins of painter members of the Delft Guild of St Luke, 1613–79. 312
- 12.3 Painters from the Low Countries active in Paris, 1550–1700, according to their geographical origins. 323

Notes on Contributors

Margrit Schulte Beerbühl

is Professor at the Department of Historical Studies II (Modern History) at the Heinrich Heine University of Düsseldorf. She was a research fellow at the German Historical Institute Washington in 2011–12 and at the excellence cluster LOEWE-Schwerpunkt: 'Außergerichtliche und gerichtliche Konfliktlösung' at the Goethe-Universität/Max Planck Institute, Frankfurt am Main, 2013–14, and a fellow at the Historische Kolleg München in 2015–16 and 2020. She has published widely in the fields of Anglo-German social and economic relations, merchant networks, British naturalisation policy and the history of consumption. Her publications include *The Forgotten Majority: German Merchants in London, Naturalization, and Global Trade, 1660–1818* (New York: Berghahn Books, 2015); *Transnational Networks: German Migrants in the British Empire, 1670–1914*, co-edited with Stefan Manz and John Davis (Leiden: Brill, 2012); *Dealing with Economic Failure: Between Norm and Practice (15th to 21st century)*, co-edited with Albrecht Cordes (Frankfurt am Main: Peter Lang, 2016); and 'Vincent Nolte: Global Player and Bankrupt', German Historical Institute, Washington, online contribution to *Immigrant Entrepreneurship: German-American Business Biographies Since 1720*. She is currently working on a project on speculation bubbles in eighteenth-century Europe.

Karel Davids

is Professor Emeritus of Economic and Social History at the Vrije Universiteit Amsterdam. His research interests are global history, maritime history and the history of knowledge, in particular the history of early modern technology. His recent publications in English include *The Rise and Decline of Dutch Technological Leadership: Technology, Economy and Culture in the Netherlands, 1350–1800* (Leiden: Brill, 2008); *Religion, Technology, and the Great and Little Divergences: China and Europe Compared, c.700–1800* (Leiden: Brill, 2013); *Global Ocean of Knowledge, 1660–1860: Globalization and Maritime Knowledge in the Atlantic World* (London: Bloomsbury Academic, 2020); and in Dutch, *De Eckhardts: Een uitvindingsfamilie in Nederland en Engeland, 1670–1830* (Amsterdam: Boom Uitgevers, 2021).

Bert De Munck

is full Professor in History at the University of Antwerp, teaching 'Early Modern History', 'Theory of Historical Knowledge' and 'History of Science and Society'. He is a member of the Centre for Urban History, Antwerp, and Director of the interdisciplinary Urban Studies Institute and the international Scientific

Research Community (wOG) 'Urban Agency'. His research is situated at the intersection of urban history, social history and the history of knowledge, and includes an interest in civil society, vocational training, material culture, and conceptual and theoretical approaches to urban history and urban studies. His work concentrates on craft guilds, craftsmanship, and the 'repertoires of evaluation' regarding skills and products. Relevant publications are *Guilds, Labour and the Urban Body Politic: Fabricating Community in the Southern Netherlands, 1300–1800* (New York: Routledge, 2018); 'Disassembling the City: A Historical and an Epistemological View on the Agency of Cities' (*Journal of Urban History*, 2015); and 'Artisans, Products and Gifts: Rethinking the History of Material Culture in Early Modern Europe' (*Past & Present* 224, August 2014).

David Garrioch

is Emeritus Professor of History at Monash University, Melbourne. He has worked on early modern and particularly eighteenth-century urban social and religious history and the history of policing, of friendship and of women's letters. He is currently researching urban fire in early modern Europe, and the mobility of artisans between Paris and other European cities in the eighteenth century. His publications include *The Making of Revolutionary Paris* (Berkeley: University of California Press, 2002); *The Huguenots of Paris and the Coming of Religious Freedom* (Cambridge: Cambridge University Press, 2014); and 'Sounds of the City: The Soundscape of European Towns, Seventeenth to Nineteenth Century' (*Urban History* 30, 2003). He has recently published 'Towards a Fire History of European Cities, 1500–1850' (*Urban History* 46, 2019).

Sander Karst

was trained as an art historian at Utrecht University, where he received his PhD in 2021. His dissertation, which should be published in English in the near future, discusses the participation of artists from the Low Countries in the emergence of a national school of painting in England during the decades around 1700. He is currently teaching at the Department of Art History of the University of Amsterdam.

Simon Macdonald

is an Associate Lecturer in Modern European History at University College London. His research focuses on Franco–British connections and conflicts across the eighteenth century, and especially during the French Revolution. His current book project, *Enemies of the Republic: Policing the British in Revolutionary Paris*, historicises the idea of a foreign community and of border-crossing lives during a critical point in the formation of both the British and

French nation-states. He has also co-edited a book with Pascal Bastien, *Paris et ses peuples au XVIII^e siècle* (Paris: Éditions de la Sorbonne, 2020).

Corine Maitte

is Professor of Early Modern History at Gustave Eiffel University, Paris, and specialises in economic and social history, particularly the history of work in Italy. Her research focuses on the textile and glass industries, on artisan migration, and on the temporal dimension of working life. Her publications include *Les rythmes du labeur: Enquête sur le temps de travail en Europe occidentale, XIV^e–XIX^e siècle*, co-written with Didier Terrier (Paris: La Dispute, 2020); and *Les chemins de verre: Les migrations des verriers d'Altare et de Venise, XVI^e–XIX^e siècles* (Rennes: PUR, 2009).

Matthew Martin

is a Lecturer in Art History and Curatorship at the University of Melbourne. From 2006 to 2019 he was a curator in the Department of International Decorative Arts in the National Gallery of Victoria, Melbourne. His research interests include the cultural aesthetics of porcelain in eighteenth-century Europe, and the impact of confessional identity in eighteenth-century European artists' networks. Recent publications include 'Porcelain and Catholic Enlightenment: The Zwettler Tafelaufsatz' (*Eighteenth-Century Life* 45/3, 2021); and 'Porcelain and Power: The Meaning of Porcelain in *ancien régime* France' (in *The Versailles Effect: Objects, Lives and Afterlives of the Domaine*, edited by Mark Ledbury and Robert Wellington. London: Bloomsbury Academic, 2020).

José Antolín Nieto Sánchez

is Professor of Early Modern History at the Autonomous University of Madrid. In 1996 he co-edited, with Victoria López, *El Trabajo en la Encrucijada: Artesanos urbanos en la Europa de la Edad Moderna* (Madrid: Grupo Taller de Historia Social, 1996), bringing together several European specialists in craft work in the early modern period. Since then, his research has focused on the world of pre-industrial crafts, with special attention paid to guild organisation, the reproduction of crafts, labour conflict, street vending and rural industry. The focus began as Madrid, but in recent years he has taken a comparative perspective that includes Castile and the American vicerealties. In recent years he has been developing several databases, at the national and Latin American level, on artisan apprenticeship and access to master's degrees. In 2007 he was awarded the Villa de Madrid prize for municipal research for his book *Artesanos y mercaderes: una historia social y económica de Madrid, 1450–1850* (Madrid: Editorial Fundamentos, 2006).

Maarten Prak

is Professor Emeritus of Economic and Social History at Utrecht University. He has published extensively about artisans, including two edited volumes published by Cambridge University Press: *Guilds, Innovation and the European Economy, 1400–1800* (with S. R. Epstein, 2008) and *Apprenticeship in Early Modern Europe* (with Patrick Wallis, 2020); and another published by Brill: *Technology, Skills and the Pre-Modern Economy in the East and the West* (with Jan Luiten van Zanden, 2013).

Nicoletta Rolla

is Associate Researcher at the laboratory 'Analyse comparée des pouvoirs', Gustave Eiffel University (formerly Marne-la-Vallée) in Paris, and Associate Researcher at the Laboratory of Alpine History at the University of Italian Switzerland in Mendrisio. Her PhD was from the University of Pisa in cotutelle with the École des Hautes Études en Sciences Sociales in Paris. She has received funding from the University of Milan, the Luigi Einaudi Foundation of Turin, and the Gerda Henkel Foundation, and was a Marie Skłodowska-Curie fellow at the Centre des Recherches Historiques de l'École des Hautes Études en Sciences Sociales (2013–16). Her research focuses on the economic and social history of pre-industrial Europe, particularly migration and the history of labour in the construction sector. Recent publications include 'Espaces sous tensions: Chantiers du bâtiment et relations de travail à Turin au XVIIIe siècle' (in *Construire! Entre Antiquité et Époque contemporaine*, edited by Gilles Bienvenu, Hélène Rousteau Chambon and Martial Monteil. Paris: Éditions Picard, 2019); 'Temporalités à l'œuvre dans les chantiers du bâtiment: Réseaux professionnels et circulations des entrepreneurs en Piémont au XVIIIe siècle', with Pascal Cristofoli (*Temporalités: Revue de Sciences sociales et humaines* 27, 2018); and 'Spatiality and Mobility of Labour in Pre-Unification Italy (Eighteenth and Nineteenth Centuries)', with Laura Di Fiore (in *Micro-Spatial Histories of Global Labour*, edited by Christian G. De Vito and Anne Gerritsen. London: Palgrave Macmillan, 2018).

Beatrice Zucca Micheletto

is research fellow at the MoHu Centre, University of Padua. She has been a Marie Skłodowska-Curie fellow at the University of Cambridge. She is research affiliate at The Cambridge Group for the History of Population and Social Structure (University of Cambridge) and at the Groupe de Recherche d'Histoire (University of Rouen-Normandy), co-vice-chair and co-leader of the working group 'Labour, belongings and economy' in the COST Action *Women on the Move*, and a member of the working group 'Labour and family economy' in the European Labour History Network. Her research focuses on women's

and gender history, history of the family, labour history, and history of migration in early modern Italy and France. Her publications include *Travail et propriété des femmes en temps de crise (Turin, XVIIIe siècle)* (Rouen and Le Havre: PURH, 2104); 'The Domestic Space as a Space of Paid and Unpaid Work' (in *The Routledge History of the Domestic Sphere in Europe (16th to 19th Century)*), edited by J. Eibach and M. Lanzinger. London: Routledge, 2020); and 'Working in and for the Charity Institutions: Patterns of Employment and Actors in the Early Modern Savoy-Piedmont State (17th–19th Centuries)' (*Mediterranea: Ricerche storiche* 48, Anno XVII, April 2020). She is currently working on migration, citizenship and welfare systems in pre-unification Italy.