## Manfred M. Fischer

## Innovation, Networks, and Knowledge Spillovers

Selected Essays

With 20 Figures and 40 Tables

## **Contents**

Pre	tace	V
1	Introduction	1
РΑ	RT I Innovation and Technological Change	
2	Innovation and Technological Change: An Austrian-British Comparison	
	with N. Alderman	13
3	Technology, Organisation and Export-driven Research and Development in Austria's Electronics Industry	
	withL. Suarez-Villa	33
4	Information Processing, Technological Progress, and Retail Market Dynamics	
	withy. Cukrowski	73
PA	RT II Innovation and Networks	
5	The New Economy and Networking	95
6 7	The Innovation Process and Network Activities of Manufacturing Firms	117
7	Knowledge Interactions between Universities and Industry in Austria: Sectoral Patterns and Determinants	
	with D. Schartinger, C. Rammer and J. Frohlich	135
PA	ART III Knowledge Creation, Diffusion and Spillovers	
8	Innovation, Knowledge Creation and Systems of Innovation	169

9 The Role of Space in the Creation of Knowledge in Austria: An Exploratory Spatial Data Analysis	
with J. Frohlich, H. Gassier and A. Varga	189
10 Spatial Knowledge Spillovers and University Research: Evidence from Austria	
with A. Varga	211
11 Patents, Patent Citations and the Geography of Knowledge Spillovers in Europe	
with T. Scherngell and E. Jansenberger	233
Figures	
Tables	
Subject Index	
Author Index	
Acknowledgements	