RESEARCH IN THE SOCIOLOGY OF ORGANIZATIONS VOLUME 62

THINKING INFRASTRUCTURES

EDITORS

MARTIN KORNBERGER

EM Lyon Business School, France, University of Edinburgh, UK and WU Vienna, Austria

GEOFFREY C. BOWKER

University of California, USA

JULIA ELYACHAR

Princeton University, USA

ANDREA MENNICKEN

London School of Economics and Political Science, UK

PETER MILLER

London School of Economics and Political Science, UK

JOANNE RANDA NUCHO

Pomona College, USA

NEIL POLLOCK

University of Edinburgh Business School, UK



United Kingdom – North America – Japan India – Malaysia – China

CONTENTS

List of Figures and Tables	ix
About the Editors	xi
About the Contributors	xiii
Introduction to Thinking Infrastructures Geoffrey C. Bowker, Julia Elyachar, Martin Kornberger, Andrea Mennicken, Peter Miller, Joanne Randa Nucho and Neil P ollock	1
PART I VALUING	
Chapter 1 Assembling Calculative Infrastructures Liisa Kurunmäki, Andrea Mennicken and Peter Miller	17
Chapter 2 A Calculative Infrastructure in the Making: The Emergence of a Multi-layered Complex for Governing Healthcare Jacob Reilley and Tobias Scheytt	43
Chapter 3 Calculative Infrastructure for Hospitals: Governing Medical Practices and Health Expenditures through a Pricing Payment System	
Pierre-André Juven	69
Chapter 4 Prospective Sensemaking and Thinking Infrastructures in a Large-scale Humanitarian Crisis <i>Marian Konstantin Gatzweiler and Matteo Ronzani</i>	85
PART II TRACING	
Chapter 5 Infrastructures of Traceability Michael Power	115

Chapter 6 Capitalization by Certification: Creating Information-based Assets through the Establishment of an Identification Infrastructure Yuval Millo, Nikiforos S. Panourgias and Markos Zachariadis	131
Chapter 7 Indexal Thinking – Reconfiguring Global Topologies for Market-based Intervention Afshin Mehrpouya and Rita Samiolo	145
Chapter 8 Performing Apparatus: Infrastructures of Valuation in Hospitality <i>Wanda J. Orlikowski and Susan V. Scott</i>	169
PART III GOVERNING MARKETS	
Chapter 9 Thinking Transparency in European Securitization: Repurposing the Market's Information Infrastructures <i>Antonios Kaniadakis and Amany Elbanna</i>	183
Chapter 10 Thinking Market Infrastructure: Barcode Scanning in the US Grocery Retail Sector, 1967–2010 Hans Kjellberg, Johan Hagberg and Franck Cochoy	207
Chapter 11 Thinking Infrastructure and the Organization of Markets: The Creation of a Legal Market for Cannabis in Colorado Dane Pflueger, Tommaso Palermo and Daniel Martinez	233
Chapter 12 Smart Grids and Smart Markets: The Promises and Politics of Intelligent Infrastructures Andreas Folkers	255
Chapter 13 From Matchmaking to Boundary Making: Thinking Infrastructures and Decentring Digital Platforms in the Sharing Economy	
Roser Pujadas and Daniel Curto-Millet PART IV INFRASTRUCTURING SOCIETY	273
Chapter 14 Social Media and the Infrastructuring of Sociality Cristina Alaimo and Jannis Kallinikos	200
Cristina Ataimo ana Jannis Kaitinikos	289

Chapter 15 A Communication Perspective on the Fabric of Thinking Infrastructure: The Case of Social Media Analytics François Lambotte	307
,	507
Chapter 16 Infrastructuring as Bricolage: Thinking Like a Contemporary Knowledge Worker	
Ingrid Erickson and Steven Sawyer	321
Chapter 17 Designing Infrastructure for the Poor: Transactions within Unstable Ecologies	
Céline Cholez and Pascale Trompette	335
Chapter 18 Infrastructuration: On Habits, Norms and Routines as Elements of Infrastructure	
Paul N. Edwards	355
Index	367