
Contents

<i>Preface: The digitalSTS Community</i>	ix
Introduction	1
Introduction / Materiality	11
<i>Laura Forlano</i>	
Unfolding Digital Materiality: How Engineers Struggle to Shape Tangible and Fluid Objects	17
<i>Alexandre Camus and Dominique Vinck</i>	
The Life and Death of Data	42
<i>Yanni Loukissas</i>	
Materiality Methodology, and Some Tricks of the Trade in the Study of Data and Specimens	43
<i>David Ribes</i>	
Digital Visualizations for Thinking with the Environment	61
<i>Nerea Calvillo</i>	
Introduction / Gender	77
<i>Daniela K. Rosner</i>	
If “Diversity” Is the Answer, What Is the Question? Understanding Diversity Advocacy in Voluntaristic Technology Projects	81
<i>Christina Dunbar-Hester</i>	
Feminist STS and Ubiquitous Computing: Investigating the Nature of the “Nature” of Ubicomp	99
<i>Xaroula (Charalampia) Kerasidou</i>	
Affect and Emotion in digitalSTS	117
<i>Luke Stark</i>	
The Ambiguous Boundaries of Computer Source Code and Some of Its Political Consequences	136
<i>Stéphane Couture</i>	

Introduction / Global Inequalities	157
<i>Steven J. Jackson</i>	
Venture Ed: Recycling Hype, Fixing Futures, and the Temporal Order of Edtech	161
<i>Anita Say Chan</i>	
Dangerous Networks: Internet Regulations as Racial Border Control in Italy	178
<i>Camilla A. Hawthorne</i>	
Social Movements and Digital Technology: A Research Agenda	198
<i>Carla Ilten and Paul-Brian McInerney</i>	
Living in the Broken City: Infrastructural Inequity, Uncertainty, and the Materiality of the Digital in Brazil	221
<i>David Nemer and Padma Chirumamilla</i>	
Sound Bites, Sentiments, and Accents: Digitizing Communicative Labor in the Era of Global Outsourcing	240
<i>Winifred R. Poster</i>	
Introduction / Infrastructure	263
<i>Janet Vertesi</i>	
Infrastructural Competence	267
<i>Steve Sawyer, Ingrid Erickson, and Mohammad Hossein Jarrahi</i>	
Getting “There” from the Ever-Changing “Here”: Following Digital Directions	280
<i>Ranjit Singh, Chris Hesselbein, Jessica Price, and Michael Lynch</i>	
Digitized Coral Reefs	300
<i>Elena Parmiggiani and Eric Monteiro</i>	
Of “Working Ontologists” and “High-Quality Human Components”: The Politics of Semantic Infrastructures	326
<i>Doris Allhutter</i>	
The Energy Walk: Infrastructuring the Imagination	349
<i>Brit Ross Winthereik, James Maguire, and Laura Watts</i>	
Introduction / Software	365
<i>Carl DiSalvo</i>	
From Affordances to Accomplishments: PowerPoint and Excel at NASA	369
<i>Janet Vertesi</i>	

Misuser Innovations: The Role of “Misuses” and “Misusers” in Digital Communication Technologies <i>Guillaume Latzko-Toth, Johan Söderberg, Florence Millerand, and Steve Jones</i>	393
Knowing Algorithms <i>Nick Seaver</i>	412
Keeping Software Present: Software as a Timely Object for STS Studies of the Digital <i>Marisa Leavitt Cohn</i>	423
Introduction / Visualizing the Social <i>Yanni Loukissas</i>	447
Tracing Design Ecologies: Collecting and Visualizing Ephemeral Data as a Method in Design and Technology Studies <i>Daniel Cardoso Llach</i>	451
Data Sprints: A Collaborative Format in Digital Controversy Mapping <i>Anders Kristian Munk, Axel Meunier, and Tommaso Venturini</i>	472
Smart Artifacts Mediating Social Viscosity <i>Juan Salamanca</i>	497
Actor-Network versus Network Analysis versus Digital Networks: Are We Talking about the Same Networks? <i>Tommaso Venturini, Anders Kristian Munk, and Mathieu Jacomy</i>	510
<i>Acknowledgments</i>	525
<i>Contributors</i>	529
<i>Index</i>	539