## **Table of Contents**

Researching the Future: The Information Systems Discipline's Futures Infrastructure	1
Mike Chiasson and Ola Henfridsson	
Section 1: How the Future and the Past Are Connected and Inter-related	
Toward an Approach to Generate Forward-Looking Theories Using Systems Concepts	11
Information Systems Innovation Research: Between Novel Futures and Durable Presents	27
The Present as Future: The Problem of Translation in Corporate Science Projects	43
Section 2: Critical View of the Future	
What Does the Future Hold? A Critical View of Emerging Information and Communication Technologies and Their Social Consequences	59
Rationality and Foolishness: Alternative Forecasting Systems in a  Manufacturing Firm	77
Section 3: Technological Futures	
What Future? Which Technology? On the Problem of Describing Relevant Futures  Bernd Carsten Stahl	95
Conceptualizing Consumer Perceptions of Making M-Payments Using Smart Phones in Ireland	109



The Impact of Instant Messaging Tools on Knowledge Management and Team Performance	131
Carol X.J. Ou, Darren W.L. Leung, and Robert M. Davison	101
Section 4: The Future of Information Technology and Work-Related Practices in Health Care	
Journey to DOR: A Retro Science-Fiction Story on Researching ePrescribing	151
The Standardized Nurse: Mission Impossible?	163
The Role of Technology in Shaping the Professional Future of Community Pharmacists: The Case of the Electronic Prescription Service in the English National Health Service	179
Section 5: The Future of Industrial-Institutional Practices and Outcomes through Information Technology	
From Forestry Machines to Sociotechnical Hybrids: Investigating the Use of Digitally Enabled Forestry Machines	199
Lessons from Volunteering and Free/Libre Open Source Software  Development for the Future of Work	215
Investigating Open Innovation and Interorganizational Networks in the IT Industry: The Case of Standard Software Customization	231
Section 6: The Future of Critical Realism in IS Research	
Systems of Innovation, Multidisciplinarity, and Methodological Pluralism: A Realist Approach to Guide the Future of Information Systems Research and Practice	249

Table of Contents	XI
Critical Realist Information Systems Research in Action	269
Section 7: Panels and Workshop	
The Social Design of Information Systems	287
Teaching Foresight and the Future	291
Will Current Trends in Information Systems Development Lead to More Visible Usage of Socio-technical Approaches?	295
Methods for Studying the Information Systems Future	299
Author Index	317