

# Contents

Acknowledgments ix

Introduction 1

EAT 9

## Foreword

*Anne Galloway* (Victoria University of Wellington, New Zealand)

### **1 A Relational Food Network: Strategy and Tools to Co-design a Local Foodshed 13**

*Joon Sang Baek* (Ulsan National Institute of Science and Technology, South Korea),  
*Anna Meroni*, and *Giulia Simeone* (Politecnico di Milano, Italy)

### **2 Technologies of Nostalgia: Vegetarians and Vegans at Addis Ababa Café 33**

*Kit MacFarlane* and *Jean Duruz* (University of South Australia, Australia)

### **3 What Are We Going to Eat Today? Food Recommendations Made Easy and Healthy 51**

*Jettie Hoonhout*, *Nina Gros* (Maastricht University, The Netherlands), *Gijs Geleijnse*, *Peggy Nachtigall* (Philips Research, The Netherlands), and *Aart van Halteren* (Philips Research, The Netherlands)

### **4 Not Sharing Sushi: Exploring Social Presence and Connectedness at the Telematic Dinner Party 65**

*Robert Comber* (Newcastle University, UK), *Pollie Barden* (Queen Mary University of London, UK), *Nick Bryan-Kinns* (Queen Mary University of London, UK), and *Patrick Olivier* (Newcastle University, UK)

### **5 Civic Intelligence and the Making of Sustainable Food Culture(s) 81**

*Justin Smith* (Washington State University, US) and *Douglas Schuler* (The Evergreen State College, US)

**COOK 95****Foreword**

*Yvonne Rogers* (University College London, UK) and *Kenton O'Hara* (Microsoft Research, UK)

**6 Supporting Mindful Eating with the InBalance Chopping Board 99**

*Esther Toet, Bernt Meerbeek, and Jettie Hoonhout* (Philips Research, The Netherlands)

**7 Encouraging Fresh Food Choices with Mobile and Social Technologies: Learning from the FlavourCrusader Project 117**

*Grant Young* (RMIT University, Australia) and *Penny Hagen* (University of Technology, Sydney, Australia)

**8 Probing the Market: Using Cultural Probes to Inform Design for Sustainable Food Practices at a Farmers' Market 135**

*Eric P. S. Baumer, Megan Halpern, Vera Khovanskaya, and Geri K. Gay* (Cornell University, US)

**9 Re-placing Food: Place, Embeddedness, and Local Food 153**

*Katharine S. Willis* (University of Siegen, Germany), *Katharina Frosch* (Ludwig-Maximilians-Universität München, Germany), and *Mirjam Struppek* (International Urban Screens Association, Germany)

**GROW 171****Foreword**

*Eli Blevis* (Indiana University, Bloomington, US)

**10 "You Don't Have to Be a Gardener to Do Urban Agriculture": Understanding Opportunities for Designing Interactive Technologies to Support Urban Food Production 177**

*William Odom* (Carnegie Mellon University, US)

**11 Augmented Agriculture, Algorithms, Aerospace, and Alimentary Architectures 195**

*Jordan Geiger* (University at Buffalo, US)

**12 The Allure of Provenance: Tracing Food through User-Generated Production Information 213**

*Ann Light* (Sheffield Hallam University, UK)

**13 Beyond Gardening: A New Approach to HCI and Urban Agriculture 227**

*Tad Hirsch* (University of Washington, US)

**14 Hungry for Data: Metabolic Interaction from Farm to Fork to Phenotype 243**  
*Marc Tuters* (University of Amsterdam, The Netherlands) and *Denisa Kera* (National University of Singapore, Singapore)

**15 Food Futures: Three Provocations to Challenge HCI Interventions 265**  
*Greg Hearn* and *David Lindsay Wright* (Queensland University of Technology, Australia)

**Epilogue: Bringing Technology to the Dining Table 279**  
*Charles Spence* (University of Oxford, UK)

List of Recipes 293

Index 295