Human-Machine Communication

Rethinking Communication, Technology, and Ourselves

Edited by Andrea L. Guzman





PETER LANG
New York • Bern • Berlin
Brussels • Vienna • Oxford • Warsaw



Table of Contents

List of Figures	ix
List of Tables	xi
Preface	xiii
Acknowledgments	xix
Introduction: "What Is Human-Machine Communication, Anyway?" Andrea L. Guzman	1
1. Animals, Humans, and Machines: Interactive Implications of Ontological Classification AUTUMN P. EDWARDS	29
2. Aliveness and the Off-Switch in Human-Robot Relations ELEANOR SANDRY	51
3. Child or Product? The Rhetoric of Social Robots LESLIE M. FRITZ	67
4. "I'll Present to the Human": Effects of a Robot Evaluator on Anticipatory Public Speaking Anxiety CHAD EDWARDS, BRETT STOLL, AUTUMN P. EDWARDS, PATRIC R. SPENCE, AND ANDREW GAMBINO	83
5. Presence Past and Future: Reflections on 25 Years of Presence Technology, Scholarship, and Community Matthew Lombard	99
6. Theorizing Verbally Persuasive Robots S. Austin Lee and Yuhua (Jake) Liang	119

7. Communicating With Robots: ANTalyzing the Interaction Between Healthcare Robots and Humans With Regards to Privacy CHRISTOPH LUTZ AND AURELIA TAMÒ	145
8. My Algorithm: User Perceptions of Algorithmic Recommendations in Cultural Contexts Terje Colbjørnsen	167
9. A Robot Will Take Your Job. How Does That Make You Feel? Examining Perceptions of Robots in the Workplace PATRIC R. SPENCE, DAVID WESTERMAN, AND XIALING LIN	185
10. Communicating With Machines: Robots as the Next New Media SAKARI TAIPALE AND LEOPOLDINA FORTUNATI	201
11. Ars Ex Machina: Rethinking Responsibility in the Age of Creative Machines DAVID J. GUNKEL	221
12. Ethics in HMC: Recent Developments and Case Studies CHARLES ESS	237
Volume Editor	259
Contributors	261
Index	267