
Contents

Author Presentation	xi
Introduction	xv
Franck DEBOS	
Part 1. A Theoretical and Imaginary Approach to AI	1
Chapter 1. Imaginary Fantasies of Robotic Humanities and AI in Fictional Contexts	3
Nicolas OLIVERI	
1.1. Introduction	3
1.2. From Digital Humanities to Robotic Humanities	4
1.3. Transhumanism as evidence of a diminished humanity	5
1.4. Thinking of <i>mecha</i> as an artifact of human–machine fusion	18
1.5. Representations of artificial intelligence in Japanese anime.	20
1.6. Conclusion	23
1.7. References.	24
Chapter 2. The Boundaries of Technology and the Future of AI	27
Juan Antonio CARRASCO	
2.1. Introduction	27
2.2. Generative AI and exponential technology	29
2.3. Technology as the culmination of metaphysics.	31
2.4. The commodification of imagination in the technical world	34

2.5. Archive policy and future democracy.	36
2.6. Conclusion	39
2.7. References.	40

Chapter 3. Neuralink and the Birth of *Homo Silicus*.

Alexandre CARBONNEAU

3.1. Introduction	43
3.2. Artificial intelligence	47
3.3. Human intelligence as a multiple, subjective and non-reducible element	49
3.4. Autopoiesis versus the mathematization of life.	51
3.5. AI: a new aspect of heterotelia	55
3.6. Functionalism as the sole object of intellectual accomplishment	56
3.7. Conclusion	59
3.8. References.	60

Part 2. Questioning Ethics at the Heart of AI

Chapter 4. The Influence of AI on Love: The Role of Dating Sites in Romantic Encounters

André BOYER and Faranak FARZANEH

4.1. Introduction	65
4.2. The evolution of human relations through social networks . . .	66
4.2.1. A quasi-permanent interconnection	66
4.2.2. The significance of closed social networks.	67
4.3. Modern love in the context of dating sites.	69
4.3.1. The evolution of the couple	70
4.3.2. Exchanges on dating platforms	71
4.3.3. The online dating market	73
4.4. Analysis of the effects of dating sites on romantic relationships	74
4.4.1. The effects of digital platforms on the dimensions of relationships	75
4.4.2. The effects of dating platforms through a theory of love . .	76
4.5. Conclusion	77
4.6. References.	78

Chapter 5. AI and Smart Cities, What is the Ethical Positioning?	81
Franck DEBOS	
5.1. Introduction	81
5.2. The necessity and challenges for ethical AI	82
5.3. A truly smart city?	84
5.4. Directions and aspirations for smart cities	88
5.4.1. A digital business city: profit center	89
5.4.2. Ecotechnocity or ecolife city	91
5.4.3. Ethic and the human city	92
5.5. Conclusion	94
5.6. References	95
 Chapter 6. The Smart City and AI: Opportunities, Challenges and Expectations for Businesses	99
Franck DEBOS and Maria Daniella LANCINI	
6.1. Introduction	99
6.2. The sociotechnical context of the smart city	102
6.3. Smart cities and sustainable development	107
6.4. Methodology and results	110
6.5. Conclusion	114
6.6. References	115
 Part 3. AI at the Service of the Community: A World to Build Towards.	119
 Chapter 7. Artificial Intelligence: A New Challenge for Information and Media Literacy	121
Loïc SUMIEN	
7.1. Introduction	121
7.2. IML: challenges, issues and perspectives	123
7.2.1. The role of IML in the development of AI	124
7.2.2. IML for an ethical, reasoned and enlightened use of AI	125
7.2.3. AI and misinformation: critical thinking as the backbone of IML in France	128
7.3. AI and media literacy: taking a systems approach	130
7.4. AI, a necessary consideration in the educational field	130
7.5. References	132

Chapter 8. Agenda-Setting AI Algorithms, What is the Agenda?	135
Horea Mihai BADAU	
8.1. Introduction	135
8.2. Research questions	136
8.3. Theoretical points of reference	137
8.3.1. Algorithmic thinking	139
8.3.2. “Pleasing the algorithms”	139
8.4. Methodology	140
8.4.1. First step: creating an AI algorithm	140
8.4.2. Second step: node analysis	141
8.4.3. Third step: identify semantic universes on TikTok	142
8.4.4. Fourth step: identify existing “rabbit holes” in TikTok’s semantic universes	143
8.5. Conclusion	143
8.5.1. Internalizing algorithmic logic	143
8.5.2. The effect of algorithmic thinking on the semantic universes of TikTok users	144
8.5.3. The “rabbit holes” hidden by AI algorithms in semantic universes on TikTok	145
8.6. References	145
Chapter 9. The Cultural and Creative Industries in the Age of AI: Ethics and Responses from Multilateral Organizations	149
Vanessa LANDAVERDE KASTBERG and Matina MAGKOU	
9.1. Artificial intelligence: a constantly changing environment	149
9.2. AI and the technologies used by CCIs: what are the effects?	150
9.2.1. Between human and technological creativity: new challenges, new ways of working	152
9.2.2. A question of ethics	153
9.3. UNESCO, IA and CCI	154
9.3.1. EU, AI and CCI	156
9.3.2. Protecting creation and creativity: a question of ethics	157
9.3.3. New business models in CCI through the sensible use of AI	158
9.4. What response can we give to CCI professionals on the future of ethics in creativity?	158
9.5. References	159

List of Authors	163
Index	165