

Spaces, Spatiality and Technology

Phil Turner and Elisabeth Davenport (Eds.)

What are the concerns of those who investigate spatiality across domains and across media? What is significant in these concerns - particularly for the design and evaluation of technology? How are these concerns represented? Can discourse from one domain inform work in another?

These are some of the questions addressed in this volume. It is based on a series of papers presented at a research seminar in Edinburgh. As the volume shows, the responses to the call for submissions were wide ranging, and the resulting meeting, the editors believe, opened up new avenues for exploring Spaces, Spatiality and Technology.

The broad range of this book stands in sharp contrast with other related texts which tend to be domain and media specific. The editors hope that this book should also serve as a new stimulus to innovative and creative thinking in spatiality.



Acknowledgements	vii
1. Introduction	1
P. Turner and Elisabeth Davenport	
2. The Digital Uncanny	5
R. Coyne	
3. En-Spacing Technology:	19
Some Thoughts On The Geographical Nature Of Technology	
B. Brown and E. Laurier	
4. Shifting Presence In The Classroom	31
E. Davenport and K. Buckner	
5. The Public Library:	45
A Successful Public Space?	
A. Goulding	
6. Understanding Spatiality:	67
The Intersection Of Real And Virtual Workspace	
L. McDougal	
7. Public Place As A Resource Of Social Interaction	79
M. Buchecker	
8. Privacy Zoning:	97
The Different Layers Of Public Space	
M. J. van Dorst	
9. High-Fidelity Mapping Of Intellectual Space	117
B. Cronin	
10. Escape From Surface And Linearity	129
J. Warner	
11. Surface:	139
Material Infrastructure For Space	
R. E. Day	
12. Multiple Spaces	151
A. Dix, A. Friday, B. Koleva, T. Rodden, H. Muller, C. Randell & A. Steed	

13. An Existential Approach To Representing Visual Context A. J. Summerfield and S. Hayman	173
14. Performative Uses Of Space In Mixed Media Environments G. Jacucci and I. Wagner	191
15. Space, Place and The Design Of Technologically-Enhanced Physical Environments L. Ciolfi and L. J. Bannon	217
16. Augmenting Communal Office Spaces With Large Screens To Support Informal Communication S. Albolino, A. Grasso and F. Roulland	233
17. Articulating The Sense Of Place Experienced By Visitors To The Jencks Landform M. Smyth	249
18. Multiscale Space And Place: Supporting User Interactions With Large Structures In Virtual Environments X. Zhang and G. W. Furnas	261
19. The Tourist Gaze: Towards Contextualised Virtual Environments P. Turner, S. Turner and F. Carroll	281
Index	299