

Satinder P. Gill  
**Tacit Engagement**  
Beyond Interaction

This book explores how digital technology is altering the relationships between people and how the very nature of interface itself needs to be reconsidered to reflect this – how we can make sense of each other, handle ambiguities, negotiate differences, empathise and collectively make skilled judgments in our modern society. The author presents new directions for research at the relational-transactional intersection of contrasting disciplines of arts, science and technology, and in so doing, presents philosophical and artistic questions for future research on human connectivity in our digital age.

The book presents frameworks and methods for conducting research and study of tacit engagement that includes ethnography, experiments, discourse analysis, gesture analysis, psycholinguistic analysis, artistic experiments, installations, and improvisation. Case studies illustrate the use of various methods and the application and emergence of frameworks.

*Tacit Engagement* will be of interest to researchers, designers, teachers and students concerned with new media and communications networks; interactive interfaces, including robotics, and presence technologies.

*Not since Michael Polanyi have we seen such wise science about the tacit: how we know more than we can tell. Gill brings to the present era of design and data a profoundly needed perspective on meaning that comes from social dialogue, skilled performance, relational gesture and rhythm.* Sha Xin Wei, Ph.D. (Synthesis, ASU)

Computer Science

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