

Statement

In the book "Wholeness and the Implicate Order", the physicist David Bohm outlines experiments. These experiments undertaken at excessively low temperatures show that particles pass through crystals as if the crystals were not solid at all. These observations hint at a different understanding of what constitutes solidity and what we understand by the term space. In fact Stephen Hawking even describes particles as being "smeared out across space".

Artists working in three dimensional art forms deal with chunks of matter and the subsequent relationship of these 'objects' (natural or man made) to one another and with the space that surrounds them. In my MA. studies I looked at modern physics, (post 1905) to see which twentieth century artists have responded to the challenge set by new ideas about matter, space and time. This research fed my studio practice and since 1995 I have produced work that alludes to sub-atomic structures.

I often make references to the human body, (it is after all our handle on reality) inviting the viewer to think about what it is to 'be' and inhabit our bodies. I believe that how we fit on a quantum level with this world has deep philosophical implications. Quantum mechanics shows that we can no longer assume the role of passive observer removed and separate, instead we find our bodies and our thoughts intrinsically bound up with the stuff of the world. Through present day science we can more than ever before, (or maybe just as we always have in the past) speculate about our origins, our boundaries and our outcome, within and beyond the visible.

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