

Marjolein Blom
1984



Double Slit Experiment
2015



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Marjolein Blom (1984) graduated with honour from the Fotoacademie Amsterdam in 2014. In her photographic work Marjolein Blom explores scientific questions in a personal and associative way. Not with the aim to find or give answers but to discover new perspectives to complex matter. Blom on her work: 'As an artist I enjoy playing with suggestion, perception and interpretation in order to create a new reality out of everyday observations.'

Double Slit Experiment

Double Slit Experiment is a study about time travel. It touches on scientific principles that, in theory, could make traveling through time possible, but also on the practical impossibility of humans as time travelers. 'When we travel, we translocate ourselves. Not only through space, but through time as well. We often have a clear image about the space beforehand, A specifically chosen destination; a city on the other side of the world, or that little cabin on the edge of the forest, not too far from home. A destination in time does not allow for an easy choice. We can arrive a day later, but not one day earlier than today. Might there be a possibility to bend the seemingly strict rules of time? To travel freely to any given moment? Racing into the future and slowly sauntering back, past the now, into the prehistoric era. Or perhaps not all the way until prehistory, but just a couple of years in the direction of the past. To once again be able to speak with those loved ones we miss.'

This project, called after Richard Feynman's famous Double Slit experiment that displayed the fundamentally probabilistic nature of quantum mechanical phenomena for the first time in history, is a study towards travelling in time. Towards scientific principles that in theory allow for travelling through time, like wormholes, Einsteins general relativity theory and quantum mechanics. But also towards the practical impossibility of people as time travelers.

Double Slit Experiment resulted in a book.

Specs: 21.5 x 29.5 cm, 44 pages

Edition of 150 (numbered), several handmade details by Marjolein Blom

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