

Research Studio: Brian Boigon



The Merger, hand drawing and collage, Brian Boigon 2017, Courtesy of Christie Contemporary

Towards a New Reality Architecture *Through the looking-glass of The Interopera*

*You are everything and nothing at the same time.
But if you are in two places at once,
then you are everything and nothing in one place and
nothing and everything in another.*

Brian Boigon, Interopera Reader @2017

Towards

This studio will focus on designing architecture through the quantum field.

Students will be guided through the fundamental concepts of multi-dimensional quantum physics referring to scientific, literary and philosophical works.

Design work will use my Interopera Reader as a set of conceptual sites to evolve a *Thesis Research* direction.

A

Architecture in this studio is understood to be a deeply rich and profound investigation into the nature of being and localization. I believe that architecture is one of the most spectacular operational discourses in which to collect and yield philosophical inquiries.

New

The studio will be divided into 3 compounding parts of design:

1. Framing:

Measurement, Special Relativity and the Inertial Frame

2. Looping:

Open Loop, Higher Dimensional Reality and Sub-Totalities

3. Projecting:

Reality Projection, Holomovement and the Implicate Order

Reality

The quantum physicist and author of Wholeness and the Implicate Order, David Bohm said that it would be presumptuous of us to assume that this reality is the a-priori reality. That one should never therefore assume, that we could not exist elsewhere in a continuous loop of what he called a holomovement residing in a higher dimensional reality.

Quantum dimensional architecture and the Interopera are of this higher dimensional reality that is given its shape in the studio by presenting sub-totalities extracted and framed from a higher dimensional field (in a Multi-verse). One which does not distinguish between parts and wholes or this reality vs another. The studio will investigate the radical concept that all field and particle movements are one and the same. All forms of architecture then, are said to exist simultaneously as a multi-verse.

Past. Present. Future.

The multi-verse then for a new reality architecture presents us in all places at once and without measurement. It is all the past, present and future in which identifiable modalities (fields and particles) are then uttered legible by the writing of the trilogy:

This did happen.

This is happening.

This is going to happen.

If anything.

The Interopera is towards a new reality architecture.
And this new architecture is not here but elsewhere and here at the same time.

In order to understand world of quantum-dimensional design,
one must first assume that we are basically trapped in 2 and 3 dimensions to the extent that we cannot even fathom the other dimensions beyond what Heidegger assigned to “being” the word “measurement”. In effect, he said that without measurement there is no sense of “being”.

Like this.

Architecture

I am here writing. You will read it later in the future. You are now reading something that is my future. I write now. You are reading in the future which is your present. So, since your present is my future, who’s to say that your present-tense should take precedent over my future one? If, for example, I can write my future and measure it in words since in your reading my future, it then, becomes your present.

The holomovement of a totality that is here and there and back now then.

And yet my words drip onto the page as the past from a thought in my head.

The words are measured in the past, cast in print in the present and read by you in the future.

I can measure all of this. I can say that each of these are steady states that are informed by the quantum synchronization of nearby attached (non-local) and non-attached (local) pulses emanating from a range of sub-totality figures.

I can say that this writing is totality and a sub-totality. That me thinking, writing and you reading is a quantum totality. Bohm refers quantum theory as having a fundamentally new kind of non-causal connection of elements that are distant from each other, which is as he mentions, is brought out in the experiment of Einstein, Podolsky and Rosen (*EPR quantum entanglement- teleportation-1936*) whereby “the analysis of a total system into a set of independently existent but interacting particles breaks down in a radically new way. One discovers instead both from consideration of the meaning of the mathematical equations and from the results of actual experiments, that the various particles have to be taken literally as projection of a higher dimensional reality which cannot be accounted for in terms of any force of interaction between them.” (*Bohm, David; Wholeness and the Implicate Order*)

Hence the writing metaphor is correct here.

I think. I write. You read.

These 3 actions are all sustained by the measured rate defined in Einstein’s Theory of Special Relativity whereby the static or steady state: steadiness if you will, is obtained by measuring particles/waves (i.e. fields) up against and therefore, through what he calls the “Inertial Frame”. This frame however is part of the mechanistic order of physics.

Herein this Research Studio then.

We have removed the apriori notion that your current inertial frame is reality. Our reality is an elementary dimensional projection belonging to a higher dimension. To this end for example, the world as a totality exists. We are all one totality in which Bohm would say would have “relatively independent sub-totalities” that are autonomous.

Bohm refers to these kinds of sub-totalities as holomovements that are unbroken just as is reality then; whole, including the entire universe with what Bohm refers to as supporting all its fields and particles.



Interopera Room, South-east Installation view, 2017 Brian Boigon, Courtesy of Christie Contemporary

All flows and all solids.

The studio and its Interopera rest inside a totality that transmits itself by way of sub-totalities which are fixed and measured through the inertial frames of a sub-reality sent from, as one projection in the higher dimension to yet another, or onto a (local-pulse) sub-totality.

Towards a New Reality Architecture Research Studio will delve into the architectures of the multi-verse and investigate ways and means to design quantum dimensional space.

Brian Boigon Instructor, Towards and New Reality Architecture