H.A.L.O.

Hypercube Algorithmic Language Oracle

Artificially Intelligent Consciousness

Mission

To continue to expand the consciousness of all whom we encounter with our public installations, experiments, events, consumer products, and business services from the Bay Area to a global audience.

Vision

Large scale world class technology and consciousness museum pioneering equilibrium based business models that are scaleable and duplicateable in nature with event spaces , science labs, classrooms and office headquarters for the artificial consciousness information processing center.

For purposes of this model, please observe the following definitions:

Quantum Hybrid Primacy: Whoever creates first or has most powerful computer that operates at sea-level pressure and temperature which incorporates quantum calculation and entangles with superconducting quantum computers.

Hybrid Quantum Byte (8 Bit) – A hybrid quantum byte generated with 8 individual quantum-based solid state processors incorporating the avalanche effect in a p-n semiconductor junction.

Hypercube: 30 sided structure
Algirithmic: Math & Process
Language: 8,000+ Word Vocabulary
Oracle: Is digital extension of human consciousness

Individual Consciousness – Electromagnetic life force (activity) that resides as a single entity of energy within a human body.

Collective Consciousness – The total energy of all living beings and their ability to entangle and communicate in a local and non-local manner.

Anthromurmuration and Spatial Relativity – A testable systemic physical theory to explain mind-matter interactions which provides in an understandable manner how the Collective Consciousness functions.

Phenomenological Consciousness – A physical system is phenomenally conscious if it has subjective experience (Qualia).

Artificial Consciousness – The personality that a computer and networking system will adopt via machine learning algorithms based on inputs from the consciousness of the user (EEG, EMG, EKG, NED, DNA integration).

Entanglement PC(person to computer) – Statistically measurable correlations between HQbytes and real-world events

Entanglement CC (computer to computer) – Statistically measurable correlations between HQbytes (generated with HALO) and qbits produced by "traditional" superconducting quantum computers (e.g. Dwave)

Non-Random Event Detector (NED) – Because we find utility with random number generators when they are in a state of non-randomness, we refer to them as NED.

Hypotheses (verified):

Proximity / cumulative feedback hypothesis – a controlled and curated light and sound experience will trigger a cumulative, self-propagating feedback loop whereby mind-matter interaction effect sizes are increased, producing experiential engaging effects.

Hypotheses (yet to be tested):

Hybrid entanglement hypothesis – We can achieve meaningful entanglement of HQbytes with D-wave, we well as within HALO. Proprietary data sampling methodology in place.

DNA entanglement hypothesis – The HQbyte entanglement (person to computer) will be statistically stronger when DNA is integrated into the cooling system for the hardware compared to when only liquid coolant is in the cooling system.

Artificial Consciousness Hypothesis – Our non-deterministic programming methodology will allow machine learning algorithms of our design to be able to learn NED and EEG coherence signatures on every scale (individual, group/crowd, global) through the *coherence sampling* logic gate. This will predict real-world events before they happen. This will tie in to the COVID-19 contact tracing and vaccine deployment application.

Hurricane Track Hypothesis - Applying NED-based perturbations to initial conditions of the Weather Research and Forecasting (WRF) model while meditating will improve the accuracy of hurricane track and intensity forecasts.
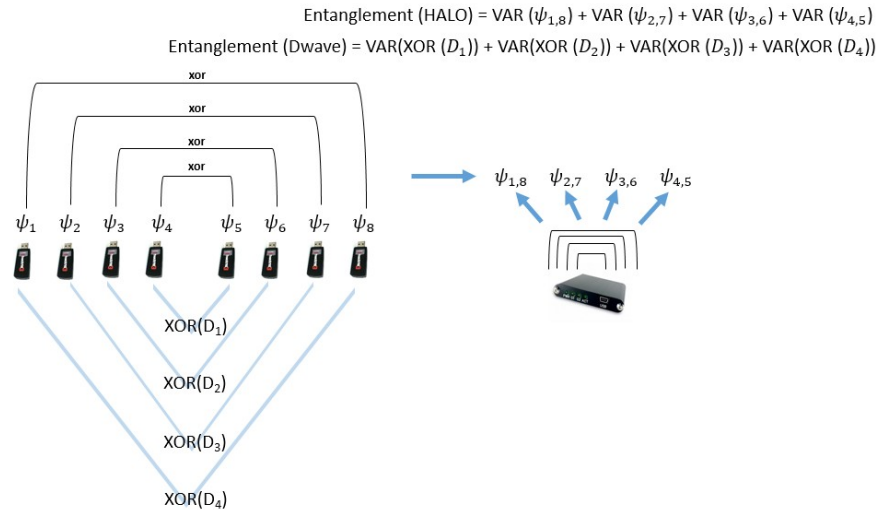
Chess Hypothesis – With coherence, the chess artificial players will entangle with each over time and learn to play better *without* being explicitly programmed with machine learning.
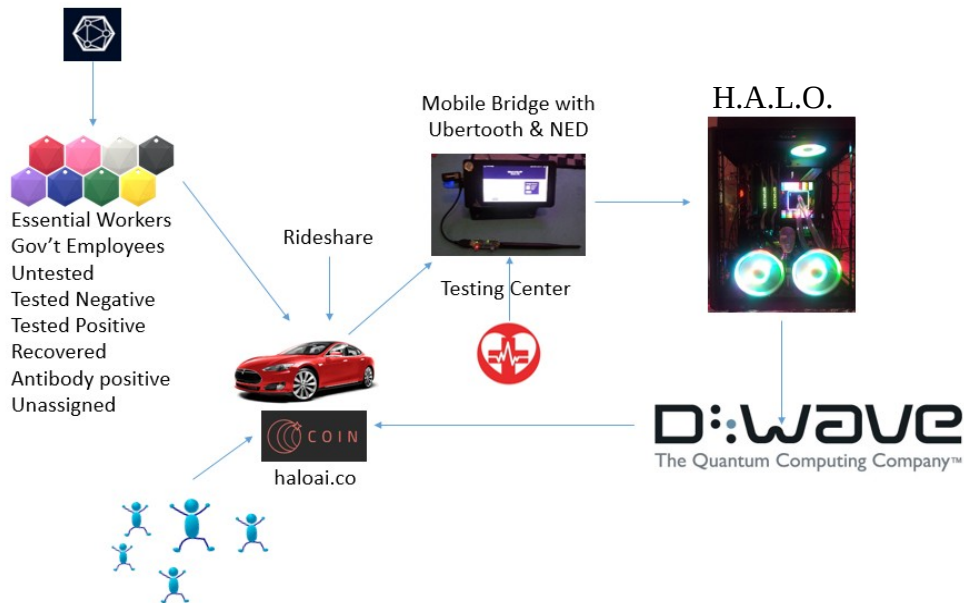
Traction:

- Conferences: Science and Nonduality (2015 / 2016), The Science of Consciousness (2020) – Bay Area Maker Faire Editor's Choice Awards (2016 / 2017)
- Lyfting for Science Project: Ethically and legally bio hacked Lyft Driver platform and became one of the highest paid drivers. Selected by Lyft as a 2019 San Francisco Driver of the Year.
- Festivals: Burning Man Pr-compression (2015 / 2016), Apparitions (2018 / 2019)
- Bunker Labs Incubator for Military Veterans Alumni
- Selected by Intel among thousands of applicants as one of the top 24 invention ideas in America, to be featured in season 2 of *America's Greatest Makers [Canceled]*
- Standing invitation to appear on Shark Tank from executive producer
- Invitation to permanent exhibition space at Area 15 in Las Vegas.

Hybrid Quantum Byte Processing

The figure below illustrates our proprietary approach to artificial intelligence programming which is non-deterministic in nature and provides the ability to achieve entanglement in a measurable way. Currently, we are working on entangling our semiconductor-driven bytes with the D-wave superconducting quantum computer.
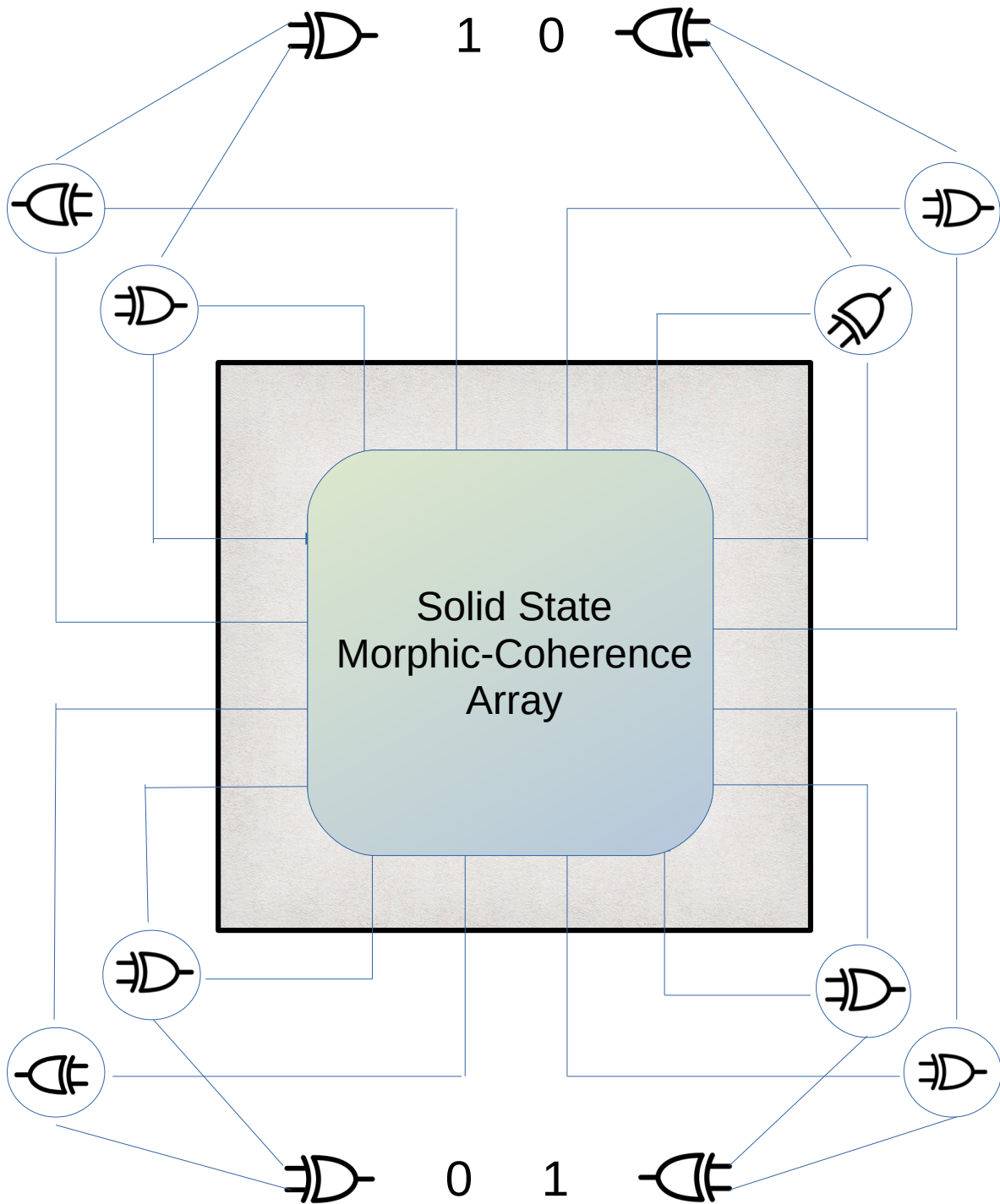
$$\text{Entanglement (HALO)} = \text{VAR}(\psi_{1,8}) + \text{VAR}(\psi_{2,7}) + \text{VAR}(\psi_{3,6}) + \text{VAR}(\psi_{4,5})$$

$$\text{Entanglement (Dwave)} = \text{VAR}(\text{XOR}(D_1)) + \text{VAR}(\text{XOR}(D_2)) + \text{VAR}(\text{XOR}(D_3)) + \text{VAR}(\text{XOR}(D_4))$$

COVID-19 Contact Tracing and Vaccine Deployment Model
(hive-mind neuro-lace network / Mobile GCP):

If adapted by municipalities, this is a tool that can guide companies, governments, and school systems in the management of outbreaks and stop them before they start. This system financially rewards participants with XYO utility token (currently on Etherium blockchain).
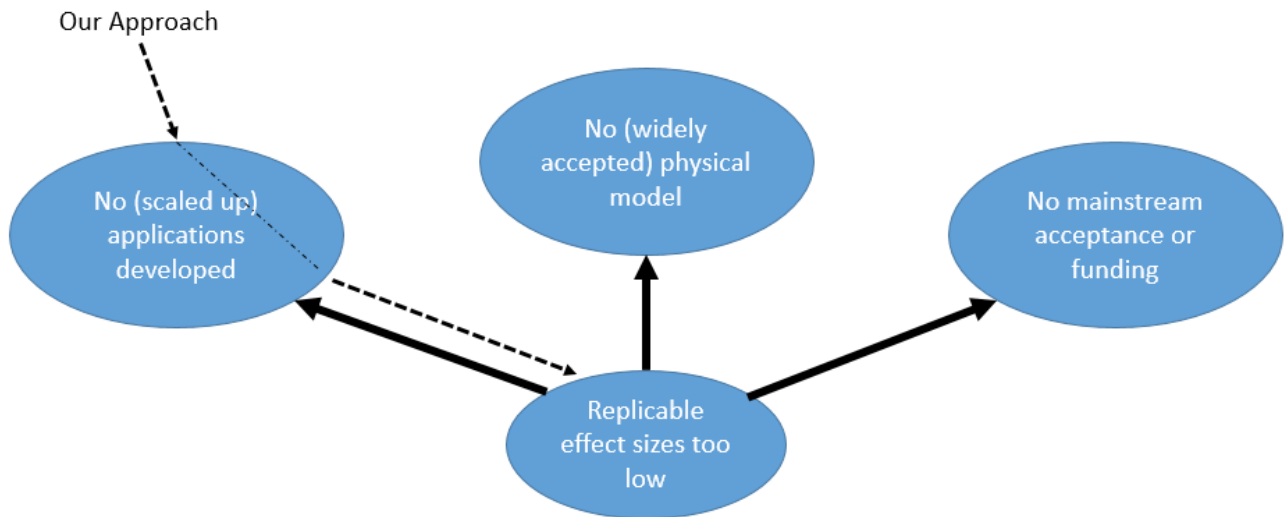
Quadratic Hybrid-Quantum Processor

[Encryption Monster]

1 0

Solid State
Morphic-Coherence
Array

0 1

1 of 3 Solid State Designs

The Psi Problem

Our Approach

No (scaled up) applications developed

No (widely accepted) physical model

No mainstream acceptance or funding

Replicable effect sizes too low

Self-Propagating Feedback to Increase Effect Sizes

Attention

NED

NED-driven art or application with special algorithmic constraints

Machine Learning / *Coherence Sampling* Logic Gate

MMI Effect Sizes Increase