

*There is no art that isn't religious
There is no religion that isn't philosophical
There is no philosophy that isn't scientific
There is no science that isn't art*

– John Anthony West

The Science of Open-Sourcery

Using heterarchical systems to self organize the New Earth Science & Technology Department.
By Ty Roan

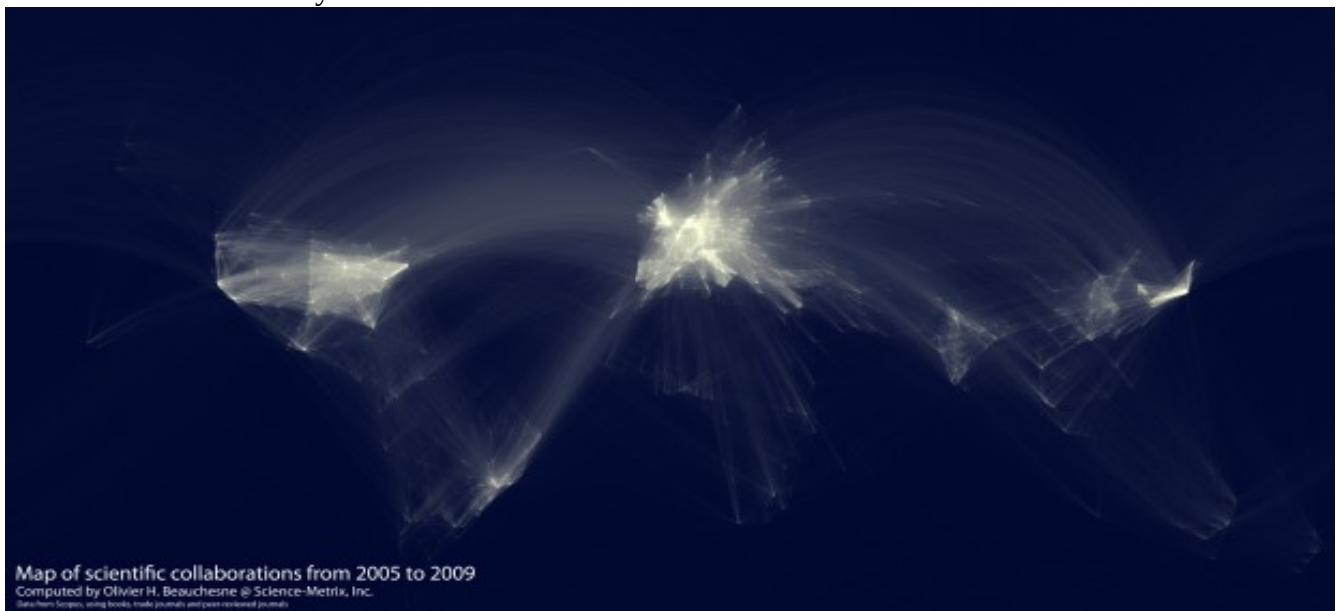
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Abstract: This article deals with philosophical principles for building self organizing systems to deal with the validation, and replication of New Earth Sciences and Technologies. Whereby NEST Faculty will assist in manifesting solutions through skillful use of open-source principles along with a careful understanding of esoteric models. The purpose of this document is to blueprint operations of NEST as it will be for the safe development and dissemination of useable devices and methods that conform with NEST's statement of purpose.

Emerging Global Thought Forms through Heterarchy

Deepak Chopra once astutely observed that, “An emerging global brain through social networks is raising collective consciousness.” This quote is the basis for what is known as Heterarchy, a network of elements in which each element shares the same "horizontal" position of power and authority, each playing a theoretically equal role. The concept of Heterarchy was first employed in a modern context by Warren McCulloch in 1945. As Carole L. Crumley has summarized, "he examined alternative cognitive structure, the collective organization of which he termed Heterarchy. He demonstrated that the human brain, while reasonably orderly was not organized hierarchically.[1] This understanding revolutionized the neural study of the brain and solved major problems in the fields of artificial intelligence and computer design.”

In 2015, and with the continued advancement of the Earth's Type 1 communication system known as the Internet, heterarchical organization is just a matter of decree. In fact most of today's collaboration in science is already becoming more Heterarchical and less Hierarchical, as this info graphic by Paul Butler and research analyst Olivier Beauchesne demonstrates:



Science-Metrix examines scientific collaboration around the world from 2005 to 2009:

Through the dismantling of old, “Gate Keeper” based Hierarchy schemes in science and academia, the “World Brain” as it is coming to be known, is adapting to new forms of thoughts. These new forms are unbound by the traditional structure of doctrine and dogma. An example of an emerging “Thought Form” in the “World Brain” would be the adaptation of crypto-currencies. Crypto-currencies are rapidly spreading the understanding that money doesn't exist and that there are more efficient and effective ways to trade our time and energy; as this article by [Scott Cundill explains](#). But more importantly than the new thought forms that can be seen operating today, are the ones that cannot be seen yet but will most assuredly arise in the coming years. It is these “Emerging Thought Forms” that NEST will be exploring through new modes of collaboration and cooperation with the very minds involved.

[1] Carole L. Crumley is the Anthropology Professor Emeritus at the University of North Carolina Chapel Hill. Her current research includes Epistemology of complex adaptive systems, especially as regards human societies; “Two Cultures” (science/humanities) problems in inter- and transdisciplinary research; integrated global- to local-scale historical ecology;

historical climate change; evolution of landscapes; social inequality; social memory; applications of geomatics (esp. GIS/remote sensing) to anthropology, ecology, and regional planning.

Open-Sourcery and the Esoteric Sciences

Open-source is a cultural philosophy which seeks to proliferate collaboration and cooperation by exposing as much “source” as possible. Open-source in the software world is so because the “Source” code is open and can be seen. Open-source in the hardware world means that designs and schematics, the source for how to replicate hardware, are easily available. Open source in other realms would follow the same form; discover the source, then expose it to any and all to see. The identification of sources becomes the job of “Sourcerers,” those who seek to unambiguously define the source and expose it. These “Sourcerers” could just as easily be called Scientists as science is the most readily understood method for exposing the hidden forces in nature.



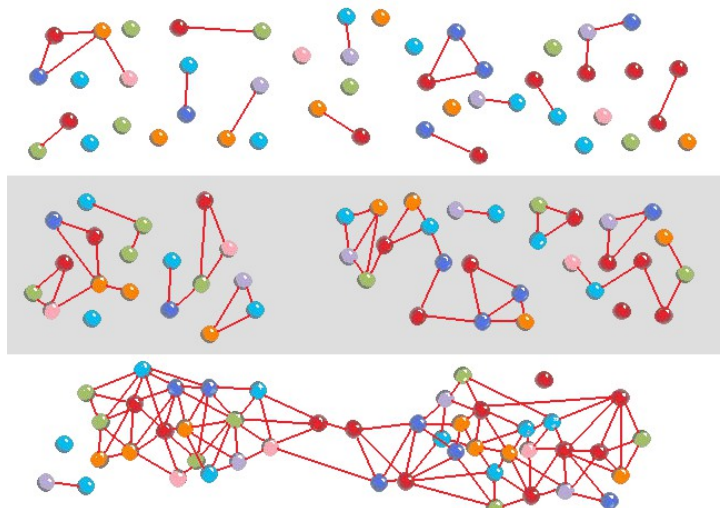
For centuries it has been theorized that there exists an invisible college of sorts, known only to a small number of adepts or practitioners of Western Mystery Schools. This notion can be summed up through the etymological roots of the word “esoteric,” which means belonging to an inner circle or simply, WITHIN. For it is Within us where we connect to this “invisible school” or collective unconsciousness to find answers. It is suspected by the author that esoteric techniques were at the root of the genius demonstrated by the likes of Newton, Tesla, Russel, and so many others. Ignoring esoteric information in the pursuit of new discoveries invites folly and ridicule; while including it invites growth of new ideas and innovation. Only by balancing the inner Gnosis of esotericism, with the shared innovative culture of Open-Sourcery can the highest truth be demonstrated implemented.

It is through these two concepts of Open-Sourcery and Esoteric Science, HELD IN BALANCE, that NEST will endeavor to facilitate the dissemination of New Earth sciences and technologies. By holding both sides equal and implementing systems of form around key research topics, the NEST faculty will rapidly bring to conclusion, some of the most perplexing problems facing the Earth today.

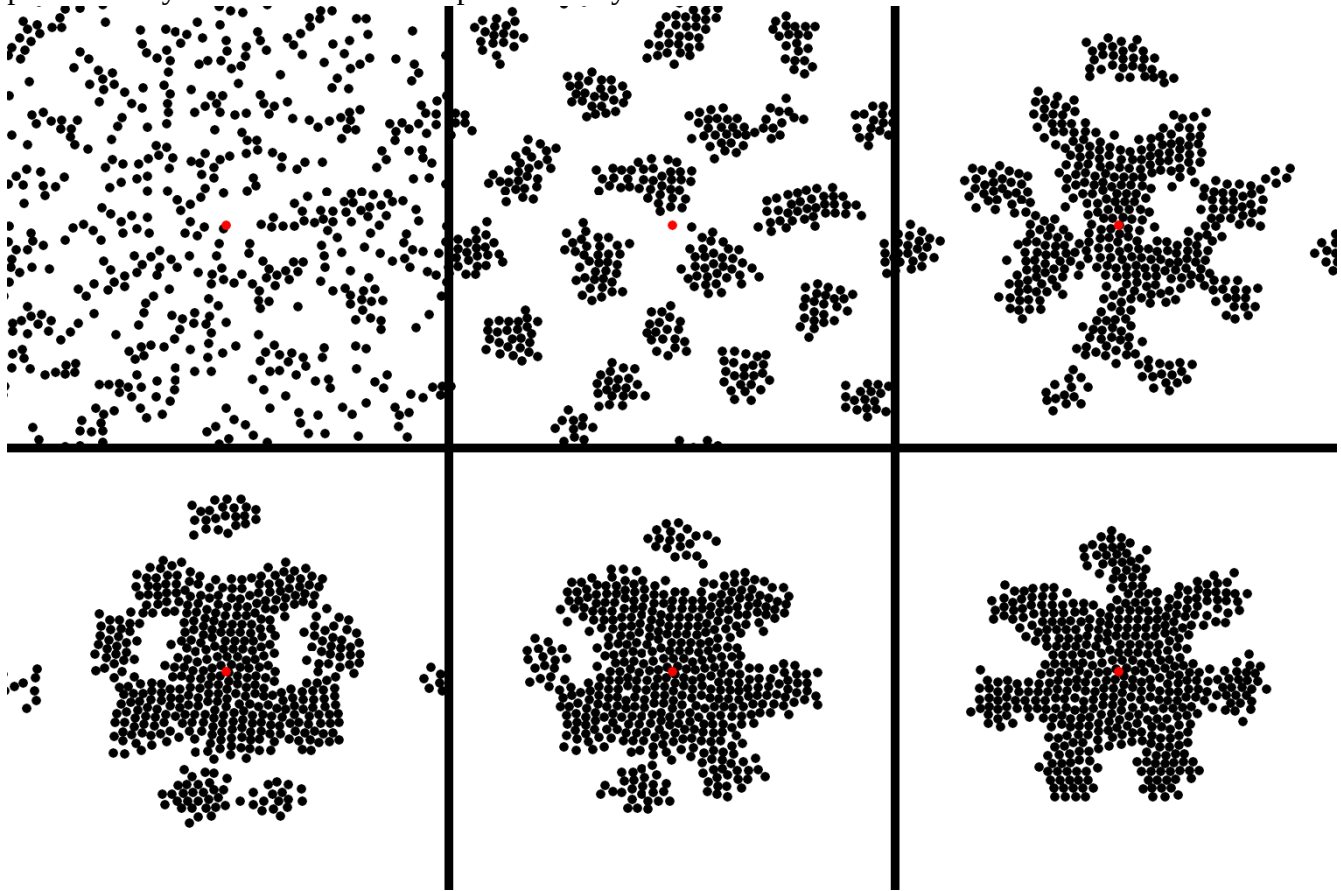
Self-organizing principles of collaboration

This section can be quickly summed up with the following from Wikipedia:

“Self-organization is a process where some form of global order or coordination arises out of the local interactions between the components of an initially disordered system. This process is spontaneous; it is not necessarily directed or controlled by any agent or subsystem inside or outside of the system. It is often triggered by random fluctuations that



are amplified by positive feedback. The resulting organization is wholly decentralized or distributed over all the components of the system. As such it is typically very robust and able to survive and self-repair substantial damage or perturbations. In chaos theory it is discussed in terms of islands of predictability in a sea of chaotic unpredictability.



“Self-organization occurs in a variety of physical, chemical, biological, robotic, social and cognitive systems. Common examples are crystallization, the emergence of convection patterns in a liquid heated from below, chemical oscillators, swarming in groups of animals, and the way neural networks learn to recognize complex patterns.”

Self organization will be held as the primary way in which to engage NEST Faculty members to collaborate with outer members in science and technology. What this means is that we at NEST do not re-invent the wheel but instead rely on hundreds of groups, forums and social networks to assist in blending cooperation. Through this structure, which will be organic, fluid, holistic, the framework for discovering solutions becomes an overgrowing cluster of innovation. These clusters of innovation could conceivably self organize and aggregate a profound amount of research and development into the hands and heads of new researchers around the world. To quote Robert David Steele, from his new book “The Open-Source Everything Manifesto:”

“~Put enough eyeballs on it, no bug is invisible.”

AND

“~The TRUTH at any cost, lowers all other costs.”

NEST will endeavor to perform its Statement of Purpose through the use of Open-Source systems of Heterarchical Self-Organization by cultivating research from the Emerging Global Thought Forms.