

Abstract:

What does it mean to be a Science Artist? It is the ability to take a new approach to the creative process, one that revolves around scientific findings, data, and experimentation. Although Science Art isn't new, the emergence of it today has never had so much importance and influence since Leonardo Da Vinci.

Why? One of the main reasons is the technological revolution of today. With the development of new technologies and tools, artists and scientists can create direct relationships with each other. This bridge renews methods, technics, communication, approaches and creates new ways of expressions which can benefit both worlds in their respective domains.

The importance of the scientific community and the ethical implementation of their findings across the globe is needed for humans and societies to come out of the various crisis we find ourselves today. The spread of the various scientific disciplines need to find new ways to connect to the culture today. Science Art has the potential to help build that bridge so that the public can connect in an emotional, spiritual and philosophical way to knowledge.

To be a science artist, the goals of the art undergo a profound change. As a science artist, your art piece is not strictly based on your personal emotions and ego. It is about creating a poetic interpretation and exploration of different aspects that their scientific partners are working on. Science Art has the ability to create a bridge between people who know nothing about science and sometimes have no interest to begin with and create a context of intrigue, inspiration and comprehension. In some cases, such as extreme Climate Change, this is clearly of the utmost importance.

In music, the main language on a technical composition level is mathematics. There are certain rules (not all) you must follow to be able to compose a classical piece, a successful pop song or an electronic dance song. Frequency manipulation is done heavily on every piece of music we hear on record today.

For this talk, we will explore what Science and Art have in common, The talk will focus on the process of creating science-art as a musician and composer. The talk will also include the new world of AI in music and how the entire lineage of music creation is being dismantled today by the technological innovations currently being released.

To be shown:

Incorporating Binaural Beats and the theoretical science behind the binaural beats in the music and its testing
Micro Residence Quarantine: The first Microscopic bacteria show.

Ring of Voices

Scientific Emotions: Science Art Video Presentation

AI: What AI can do to a composition. Examples showing the before and after AI Mastering. Composition,
There will also be a live presentation of a unique hybrid instrument of sitar and an electronic Fender bass.

