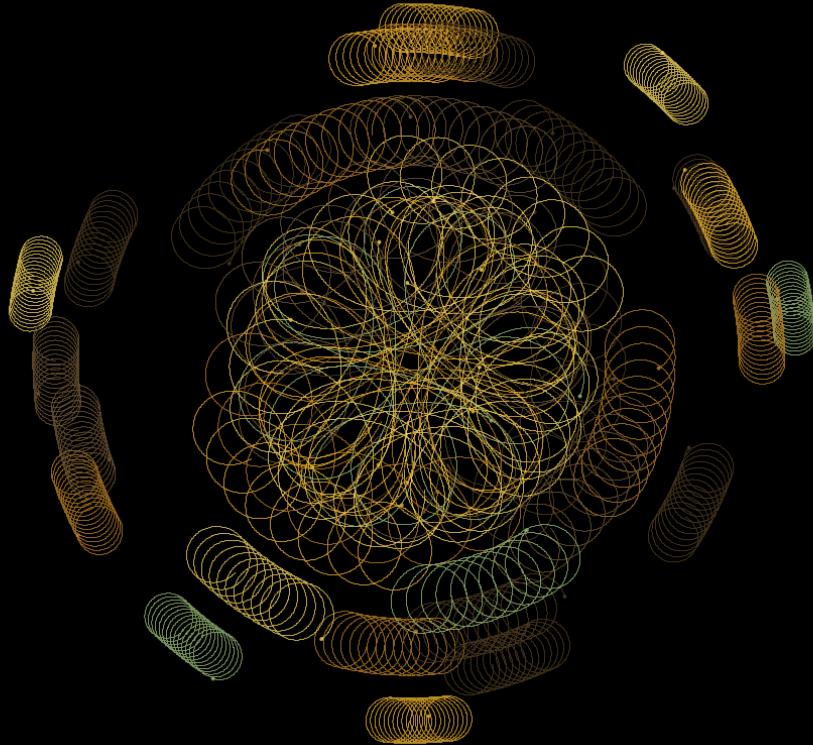


### 3 Artworks

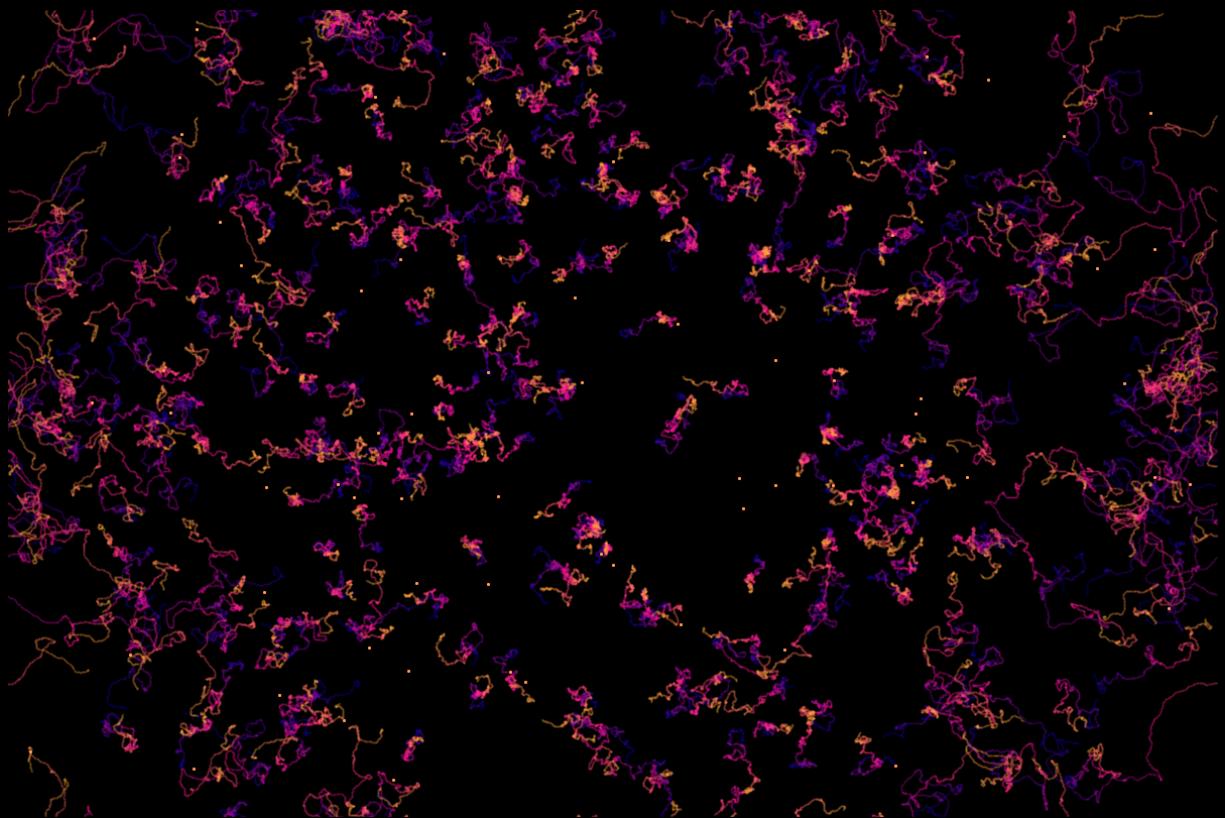


#### Eternal Sunflower

*Sunflower seeds are arranged in spirals that follow the Fibonacci sequence, optimizing space and reducing shadowing among seeds. The angle between successive seeds in a sunflower head approximates the golden angle, resulting in maximal exposure to sunlight. [3]*

The relationship between fragments and whole is central to this piece. Similar to an actual sunflower's seeds, particles in this work are arranged in an expanding setting to create a complete and visually aesthetic system. Particles follow their paths like the seeds of the flower, only to draw a unified and harmonic pattern.

Technique: Processing library is used to model a particle system with physical phenomena such as attraction, speed, and the inverse relationship between distance and force. Particles are governed by both a force that pulls them inward, and a swirling motion based on their position.

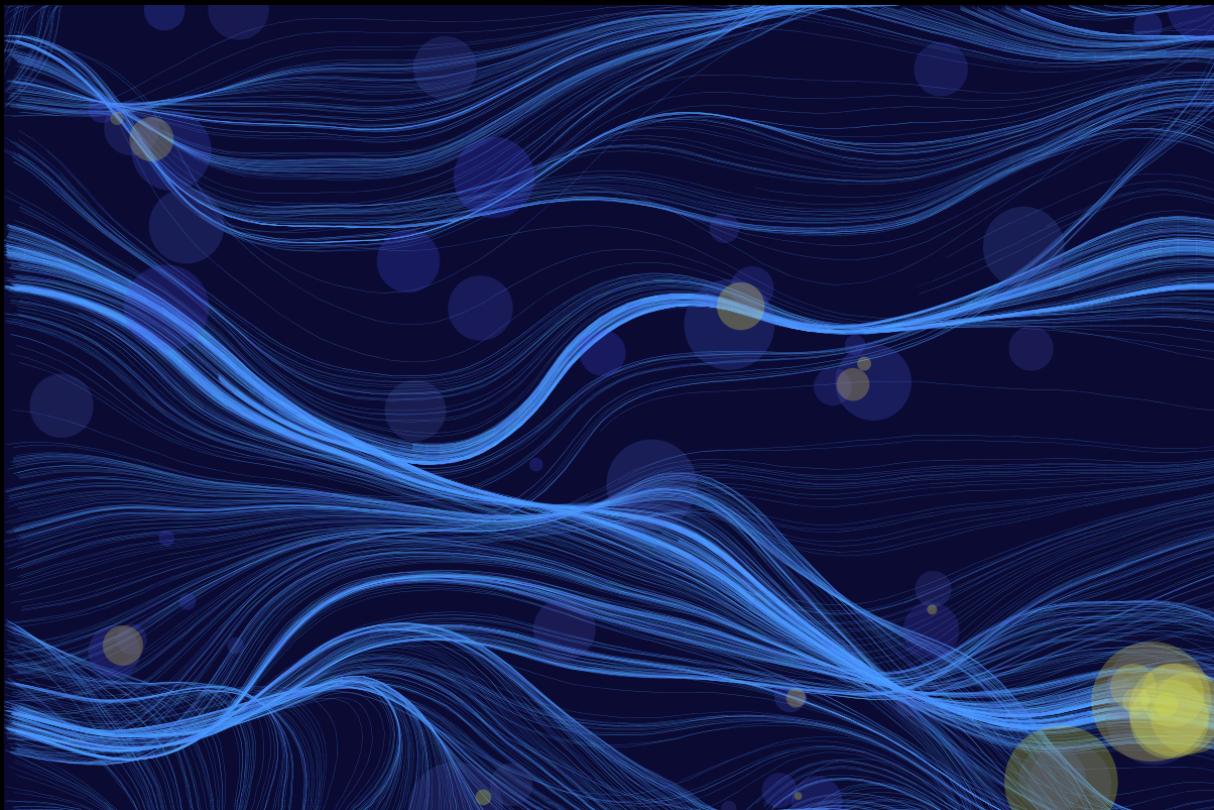


## Samsāra

*Samsāra* is a Sanskrit word that means "wandering" or "flowing through". It is used to describe the continuous journey of existence in Hinduism and Buddhism. The whole process of rebirth, called samsara, is cyclic, with no clear beginning or end, and encompasses lives of perpetual, serial attachments. Liberating oneself from this endless cycle is Moksha in Hinduism, or Nirvana in Buddhism[4].

The movement of the particles within this piece appears to be driven by chaos. However, they are subject to an intricate order of forces that change over time. As particles trace over and over again, the color cycle repeats: mirroring the harmony of repetition, randomness and structure found in life.

Technique: Processing is used to model a particle system with flow fields that change with Perlin Noise for pseudo-random movement.

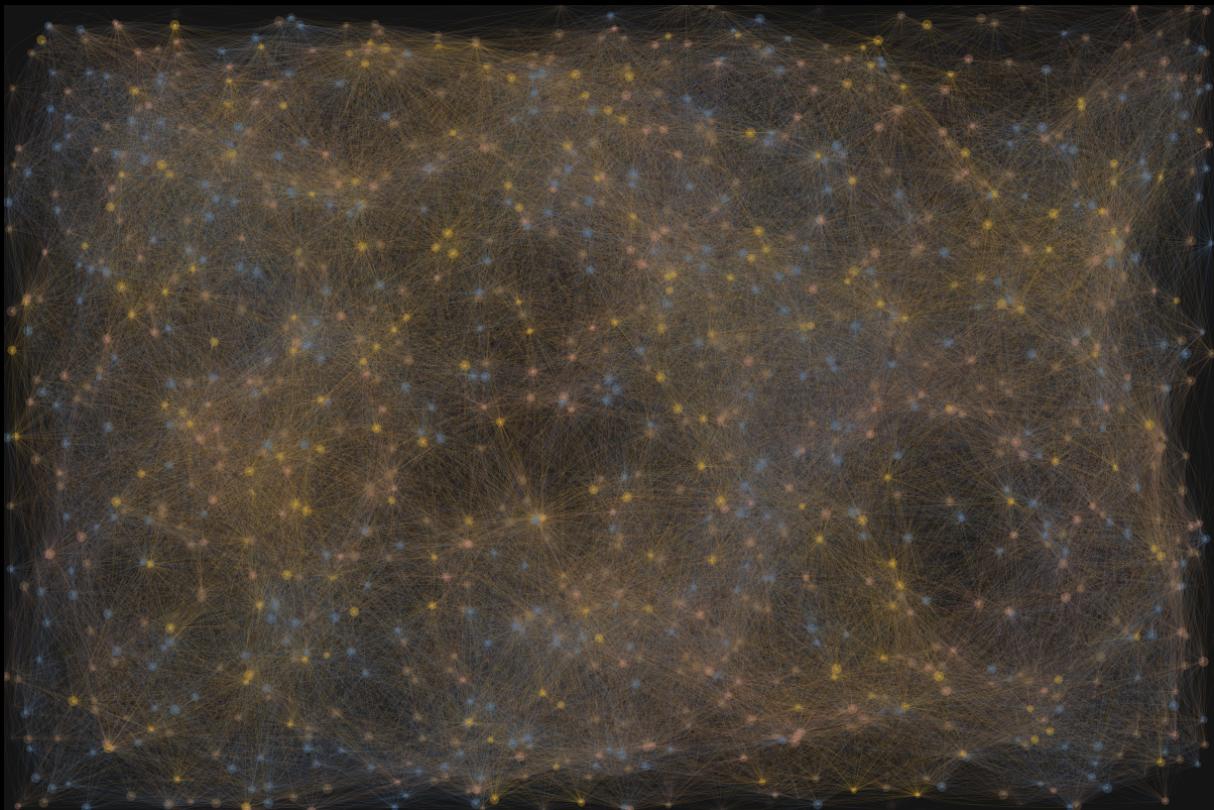


### Tides of Life

Inspired by the painting “*Starry Night*”, this work features an interplay of natural flow along with variating circles.

Particles drift gracefully through the air, guided by invisible currents. This mirrors the way in which our actions, choices, and emotions are influenced by forces we cannot always perceive but feel nonetheless. Contrary to the particle flow, we have static circles: although they seem still, they are far from stationary—they intersect, overlap, and sometimes merge into one another, symbolizing moments of connection, interaction, and resolution among people we cross paths with.

Technique: Processing is used to model a particle system with flow fields that change with Perlin Noise for natural movement.



## Lux Aeterna

This work features an exploration of time, memory, light, and perception, inspired by the painting “*The Persistence of Memory*”.

The connections between the neuron-like web symbolize the ever-lasting links between our experiences, emotions, and knowledge as humanity: a live and glistening tapestry that evolves with the flow of time and collective human memory.

In the dynamic version of this work, each node pulsates and drifts: symbolizing living and evolving. The result is a luminous mesh of shared human experience that radiates eternally.

Technique: Processing library is used to model a particle system with a web-like characteristic with Bezier curves. Curves are distorted by Perlin noise for an organic, neural appearance.