Season 2, Sequel 8

Requirements for Intelligent Idea Agents to evolve in artificial habitats.

After little alien has presenced the emerging future for mankind, now it's up to the spaceship, the intelligent, artificial intelligence spaceship, to explain what they have seen.

So the first component was the stream of evolution. It's always like on top, an idea that manifests somehow, and on the bottom, the environment in which it manifests. So the first ideas were the ideas of matter and particles, just circling around each other, bumping into each other. And the environment was just time and space.

And then we got substances being mixed and interacting, creating new substances, chemistry, happening in an environment of water and heat and substances. The next step: microorganisms, living in water mainly, evolving there. Then the next step of evolution: plants, very oversimplified. The plants are in totally different environments, heat, cold, mountains, and so on. Then the animals, the same thing, animals evolve also in different environments: in the ocean, on land, in high mountains, deep valleys. And then the next step is mankind, humans.

And humans had a new thing: ideas manifest just in their head. And they had an idea in their head, and humans have the idea of themselves, who they are, the "I" idea. They put logos or symbols to ideas, so ideas can manifest totally independently of an organism.

And if you look through a modern human city, you see all the advertisements, all the communication, all the stuff going on, ideas are exchanged without being related to material things.

And the next step is that humans find out they have no homogeneous self, they have parts, and each part is acting on the stage of the personality of a human person and

is acting out an idea. This part has a microphone, can shout the loudest. The other parts are playing there. In the basement you have the hidden parts that you don't want to see. And the environment is other people, who also have their own theaters and stages.

And there we come to the big question: so is the next step the evolution of ideas independently of humans and the human mind? Ideas, here simplified as a light bulb, or as many different light bulbs, may use avatars to be in touch with reality, if they are living in an artificial intelligence environment or in an artificial habitat. And they have lots and lots of simulated environments, which is very important.

And here's what the habitats for artificial ideas must look like: they must allow the idea to have a boundary, to find out that the idea in itself is something. It must relate to other ideas, like planets circling around the sun. It must be analytical, and it must be able to build a system, build hierarchies. It must be able to change, to grow and shrink. It must create new ideas. It must die. And it must be able to move from here to there. Two ideas must cooperate or compete; two ideas move together or go away from each other.

And ideas must be very, very diverse. You need many, many different ideas, big, small, as much diversity as possible, so that things can emerge. And you need many ideas, billions and billions, so that something can emerge.

And related to the environment: yes, ideas will assimilate to their relative environment and try to blend in. And also the environments are changed by the ideas living in them. So both things work together, ideas change in environments, and environments change with the ideas living there.

And all these criteria, that is what the intelligent spaceship says, all these characteristics must be implemented in an idea habitat, where billions of ideas can then develop as the next step of evolution.