

# Love, Evolution and Spiritual Renewal

Paul Hague

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This document contains the transcript of a twenty-minute talk I gave via Skype to the Continental Meeting of the Scientific and Medical Network on 'Convergent Evolution, Attractors and Love' in Rome, on 30th September 2016.

On this page is the abstract for the talk and on the next a table of Pierre Teilhard de Chardin's four-stage evolutionary model of Cosmogogenesis, handed out to attendees before the talk. The next five pages contain the talk itself. At the end, I have attached the flyer for the conference, giving the context for the talk.

## Abstract

In *The Human Phenomenon*, completed in 1940, Pierre Teilhard de Chardin prophesied that one day all the divergent streams of some fourteen billion years of evolution would converge in a megasynthesis of all knowledge, ushering in a spiritual epoch of radiant beauty, where all opposites would be unified in Love and Peace, our Divine Essence.

Then in 2000, at the SMN Continental Meeting in Sweden, Nick Hoggard made a similar prediction. By viewing the whole of evolution as a single dynamical system in chaos theory, he showed that the diminishing geometric series of bifurcating evolutionary turning points would one day terminate at evolution's Accumulation Point.

These momentous events are not happening outside of us, for our bodies and minds are the products of all these aeons of evolution. So in this talk, I would like to share a little of my own learning experiences, as evolution is drawing us all towards its Omega Point, its Great Attractor, never separate from its Alpha Point, where this odyssey begins.

For it is by sharing our experiences, we shall fulfil Teilhard's prophecy: "The way out for the world, the gates of the future, the entry into the superhuman, will not open ahead to some privileged few, or to a single people, elect among all peoples. They will yield only to the thrust of all together in the direction where all can rejoin and complete one another in a spiritual renewal of the Earth."

# Teilhard's Four-stage Evolutionary Model of Cosmogenesis

## For Paul Hague's SMN Talk on 'Love, Evolution and Spiritual Renewal'

Rome, September 2016

Evolutionary stages, years ago						Transition stages, years ago			
Stage	Type		Realm	Start	End	Duration	Start	End	Duration
Prelife	Physical	Hylogenesis	Hylosphere	14,000,000,000	4,500,000,000	9,500,000,000	4,500,000,000	3,500,000,000	1,000,000,000
Life	Biological	Biogenesis	Biosphere	3,500,000,000	25,000	3,500,000,000			
Thought	Mental	Noogenesis	Noosphere	5,000	50	5,000	25,000	5,000	20,000
Superlife	Spiritual	Christogenesis	Numinosphere	-50	-300	250	50	-50	100

# Love, Evolution and Spiritual Renewal

Paul Hague

**Talk at the Continental Meeting of the Scientific and Medical Network on  
'Convergent Evolution, Attractors and Love', Rome, 30th September 2016**

Hello everyone from Sweden.

We have 45 minutes together on how we experience and understand Love, Evolution and Spiritual Renewal. For me, there is nothing more important to talk about at these rapidly changing turbulent times, for it is now widely acknowledged that humanity is in the middle of the greatest global crisis in its history.

Love and spiritual renewal are very easy to talk about, for there is very little to say. Love is our Divine Essence and when we realize this in the depth of being, spiritual renewal arises quite naturally.

I can best explain what I mean by this with a Face-to-Face TV interview that Carl Jung had with John Freeman in 1959. Freeman asked him, "Do you believe in God?" Jung replied, "I don't believe in God. I know God."

Jung was able to say this because he was engaged in his psychospiritual healing practice of individuation, which means 'undivided', as the union of all opposites. He was much inspired by the alchemists and Taoists and with *coincidentia oppositorum*, in the terms of Nicholas of Cusa. As he understood, such a yogic, tantric union is the key to mental health, leading to Love.

For as John said in his first Epistle, "God is Love." But when Giordano Bruno said this, he was burnt at the stake in Rome in 1600 for heresy. Bruno said, "that law of love that is spread far and wide ... which derives ... from God the father of all things so that it is in harmony with all nature ... is the religion that I observe."

This split between humanity and Divinity goes back thousands of years. It lies at the core of today's global crisis. Yet, many millions today know that they are never separate from the Divine, which is the essence of the great spiritual renewal, currently emerging.

But how did this split happen? Well, to answer this question, we need to look inside ourselves in the context of Teilhard's four-stage evolutionary model. This shows that we are all products of some 14 billion years of evolution. The ontogeny and phylogeny of us all, as both individuals and as a species, are the products of all these aeons of evolutionary development.

We all have a story to tell, so let me tell you a little about my own. I was born in 1942 in a war zone about 60 kilometres south-east of London. I was born into a world at war with itself. My parents, nations, and religions were all fighting each other. Most significantly, there was a war going on between science and religion.

All these outer conflicts are projections of our fragmented minds. So if I introjected what my parents and teachers wanted me to learn, a war would be going on inside myself. I found this to be incredibly painful. So at seven years of age, I set out to find the root cause of conflict and suffering.

As I developed, I realized that the Christian concept of God and the physicists' concept of Universe are incompatible. Both provide context, which is necessary for us to determine the meaning and truth of what we learn. But without an all-embracing Cosmic Context, how could I make sense of what I was being taught? For me, only pure mathematics made sense. But at university, where I majored in mathematics, I discovered that linear mathematical logic could not help me find Love and Peace and Wholeness and the Truth. As I have since discovered, we can only unify science and religion by making radical changes to both, recognizing the Consciousness is Ultimate Reality.

Which brings us to evolution. I began to think about this in the late 1970s, when I was working in

marketing for IBM in London. I was working as an information systems architect in business with enormous power. My colleagues and I had the potential to make radical changes to people's lives. We could potentially create mass unemployment if computer scientists could one day build machines with artificial intelligence, exceeding any level of intelligence that humans might aspire to attain.

But where was the energy to do this coming from? What is causing scientists and technologists to drive the pace of scientific discovery and technological invention at exponential rates of acceleration?

Well, I found the key to this question in the concept of *synergy*, which I learned about on a visit to IBM Canada in 1979 at the dawn of the Information Society. For information derives not only from data elements but also from the relationships between them.

It was while pondering about the synergy of data and program structures in computers and humans in April 1980 that I suddenly had the idea that there are nonphysical, mental energies at work in the Universe as well as the physical energies that I learned about in school. This idea blew my mind, as I realized that I had been given the key that would unlock all the innermost secrets of the Universe.

So three weeks later I resigned from IBM to develop a cosmology of cosmologies that would unify the psychospiritual and physical energies at work in the Universe.

I soon realized that what was happening to my colleagues and me were examples of phylogenesis, the evolution of the species, and ontogenesis, the evolution of the individual. In turn, both are examples of morphogenesis, the evolution of forms, through the synergy of the relationships between forms. Wholes are evolving that are greater than the sum of the immediately preceding wholes because of the new relationships that are formed, apparently out of nothing.

To denote this accelerating phenomenon, I coined the word *hologenesis* and discovered in the *Oxford English Dictionary* that a Professor Rosa of Modèna had coined this word in 1918 as *ologenesi*. In another citation, I found that Pierre Teilhard de Chardin had also used the word in *The Phenomenon of Man*, posthumously published in English in 1959.

This book, as *The Human Phenomenon* in its more modern translation, has provided the framework for all my evolutionary studies ever since. To understand this, we need two basic concepts.

First, the concept and word that unifies all these stages of evolution is *structure*, as David Bohm told me when I first met him in 1980. In his theory of the implicate order, which unifies quantum and relativity theories, the whole of evolution can be viewed as the growth of the complexity of meaningful structures. Evolution is an accumulative process. The greater the complexity of structure, the faster evolution unfolds through the synergy of relationships between forms and structures. As Teilhard said, the greater the complexity, the greater the consciousness.

Such a convergent evolutionary process leads to the realization that Consciousness is all there is. Consciousness unifies the incompatible concepts of God and Universe. This changes everything. I have spent the past 36 years as a transdisciplinary autodidact learning what my teachers were unable to teach me in the 1950s. It has been the most tremendous adventure anyone can possibly have.

I have written several books and many essays on this great adventure. Last autumn and winter, I wrote a couple of books describing two complementary views of evolution as a whole. I feel that the simplest way to explain this is with Teilhard's four-stage evolutionary model of Cosmogogenesis, which I describe in *The Four Spheres*, bringing Teilhard's vision right up to date with the latest scientific discoveries.

This model shows evolution in four stages which Teilhard called Pre-life, Life, Thought, and Superlife, as the titles of the four parts in his book. In other terms, these are physical, biological, mental, and spiritual. Teilhard did not give a name for the first, which I have called hylogenesis, from the Greek word for matter. All these stages take place in four realms, which I call Numinosphere, noosphere, biosphere, and hylosphere, nested one into another.

As the table that you have shows, each stage is much shorter than the previous one because evolution is

an accumulative process. At the SMN Continental Meeting in Sweden in 2000, Nick Hoggard showed how this could be expressed in mathematical terms, which I describe in my most recent book called *Through Evolution's Accumulation Point*.

The transition periods between these stages are also much shorter than the previous one. The current one is obviously the most important. I consider that this began in the 1960s with the human potential movement, as more and more people turned to the East for spiritual fulfilment. The Beatles wrote a popular song called 'All you need is love.' And more and more scientists challenged the materialism and mechanism of the so-called natural sciences.

But if and when evolution will lead us into a superhuman species, as Teilhard prophesied, is anyone's guess at the moment. Some scientists are saying machines are becoming superhuman today because they beat humans at chess and other games. Stephen Hawking has said, "The development of full artificial intelligence could spell the end of the human race." But such statements are generating much existential fear, which can only be conquered with Love.

For myself, what I have discovered is that the characteristic that most distinguishes humans from the other animals and machines with so-called artificial intelligence is Self-reflective Intelligence, the ability to see ourselves seeing and thinking. Intelligence is the eyesight of Consciousness, which provides the Light. For instance, Meister Eckhart, the pre-eminent Christian mystic, said, "The eye with which I see God is the same as that with which he sees me."

But when did we humans acquire this wonderful gift? Well, Teilhard pointed out that this happened when biogenesis evolved into noogenesis, when a 'veil of opaqueness' or 'psychic membrane' was cleared away from our inner animal eyes, as Barry Long observed. We see evidence of this from the cave drawings in south-west France and in the fertility figurines that have been found across the whole of Europe and Asia. Even earlier, archaeologists have discovered ritual burials from about 60,000 years ago.

So at the beginning of what has been called the Great Mother epoch some 25,000 years ago, our forebears were like infants in adult bodies, open to the entire Cosmos, but with only primitive concepts or fuzzy mental images to explain what was happening to them. By all accounts, this was a comparatively peaceful period of human evolution, indicating that people had not yet lost touch with Love.

However, at the dawn of history and the birth of the first civilizations, societies became much more complex and the jobs that people performed in the body politic became more specialized. A few of these functions were ruler, priest or priestess, warrior, farmer, merchant, record keeper, craftsman, and labourer—and mother and father, of course. The overall effect in individuals is that the mind became fragmented, mapping the Cosmos from a superficial, narrow perspective, not a profound, broad one.

The mind also became split, as we lost touch with our Genuine Identity, which is Love, becoming identified with our occupations and the groups that we felt we belonged to. Over the years, mental evolution became ever more divergent and fragmented and all hell broke out on Earth, as we humans fought and killed each other with intense ferocity.

As Anthony Storr points out in *Human Aggression*, "With the exception of certain rodents, no other vertebrate habitually destroys members of its own species. No other animal takes positive pleasure in the exercise of cruelty upon another of his own kind ... The sombre fact is that we are the cruellest and most ruthless species that has ever walked the earth."

The basic reason why this happened is that a 'cloud of unknowing' appeared between humanity and Divinity, in the words of an anonymous fourteenth century English mystic. We became experientially and cognitively separate from Reality, with a capital R, from our Immortal Ground of Being, from the Divine Source of Light, and from Presence, which means 'prior to existence'. This ignorance of our Authentic Self has driven business, science, and religion in semi-darkness ever since, leading to the chaos the world is in today.

### *Love, Evolution and Spiritual Renewal*

During the patriarchal epoch, only mystics discovered what it truly means to be a human being, free of the sense of a separate self. For instance, Rishis, who wrote *The Upanishads*, said, “*Tat tvam asi*” ‘You are That,’ realizing that *Brahman* and *Atman* are One, often called Nonduality today.

This realization lies at the heart of the great spiritual renewal taking place at these transition times we live in. However, because of the divergent way that evolution has unfolded during the past 5,000 years, our minds are still pretty specialized and confused, still being held back by our collective, cultural, and personal conditioning, which lies deep in the unconscious. During the past century, depth psychologists, from Sigmund Freud, through Carl Gustav Jung, Roberto Assagioli, Erich Fromm, and Abraham Maslow, to Stanislav Grof, have been developing cartographies of the psyche. But there is still much work to be done to integrate them all into a coherent whole, free from the delusions of materialistic science.

Most importantly, Teilhard visualized that one day all the divergent streams of mental evolution would converge in a megasynthesis of all knowledge in the Universal or Cosmic Christ, when Alpha and Omega would be unified in Wholeness, as it says in Revelation in the Bible. But it is important not to think of Christ as a person. Rather, the Cosmic Christ is Transpersonal, the True Nature of all humans, synonymous with Buddhahood, when we are fully awakened beings.

In summary, what Teilhard’s four-stage model of evolution shows is that following the invention of the stored-program computer in the late 1940s, Western civilization has come to the end of its useful life. If today’s schoolchildren, like my twin granddaughters, who will be six next month, are to have any chance of growing old enough to have children of their own, evolution needs to become fully conscious of itself within us human beings.

It is an enormous challenge, for few have yet realized that the reality that we think we live in is nothing but an illusion, an abstraction from Consciousness, like waves on Bohm’s holomovement, called *māyā* in the East. Kabir wrote, “I laugh when I hear that the fish in the water is thirsty.” To satisfy our thirst, we need to realize with Rumi, another Sufi poet, “Love is the sea of not-being and there intellect drowns.” For the cognitive structures that provide humans with a precarious sense of security and identity in life no longer provide such a function at these times of unprecedented rates of accelerating change.

I see only one way of conquering the existential fears that thus arise. Drawn by the Great Attractor, those of us who know that we are never separate from the Divine or any other need to come together in Love to harmonize evolutionary convergence in the manner that Teilhard prophesied.

That is the central purpose of the Alliance for Mystical Pragmatics, as I outline in the brochure on my website. We urgently need to cocreate a nourishing social environment where it is safe to question all the beliefs and assumptions that have guided science, business, and religion for thousands of years.

My own job as an information systems architect has evolved into that of Panosopher, which I explain in a 100-page essay I’ve just finished. I’ve asked Chiara to hand out the Introduction to this essay, as an addendum to the brochure. You can download it from the Vision page on the Alliance’s website.

In the short-term, the principal purpose of the Alliance is to use Self-reflective Intelligence to show that Consciousness is Ultimate Reality, the unifying Contextual Foundation for science and religion. In this way, by 2020, we could complete the final revolution in science, just as Isaac Newton completed the first in 1687 with the *Mathematical Principles of Natural Philosophy*. For I am quite sure that publishing the genuine Theory of Everything, which many say is impossible, would release the most tremendous surge in synergistic psychospiritual energy, currently blocked by our education and economic systems.

In this manner, we could accelerate the great awakening of Intelligence and Consciousness, living in Love, Peace, and Stillness in the Age of Light at the end of time, knowing that none of us is ever separate from any other for an instant. As Thich Nhat Hanh has said, the next Buddha—as Maitreya, the ‘Loving One’—will be a community, not an individual. Do please join us if you feel moved to do so. I have no doubt that we could have a lot of fun together.

### *Love, Evolution and Spiritual Renewal*

*In my original talk, I addressed Luigi Fantappiè's concepts of retrocausality and syntropy, mentioned in the introduction to the conference, as the last page in this pdf file indicates. But I omitted these because I found that they took me too far away from what I wanted to say. Nevertheless, it could be helpful to understand these concepts in the context of Panosophy and the mystical worldview. So here are the paragraphs that I did not give. I did mention the core meaning in the third paragraph in order to answer a question following my talk. Much more information in the books and essays on the website for the Alliance for Mystical Pragmatics.*

This evolutionary worldview looks a little like Luigi Fantappiè's teleological notions of retrocausality and syntropy. But there are a couple of significant differences. *Syntropy* is a synonym for *negentropy*, which arose from Claude Shannon's concept of the entropy of information, putting a negative sign in front of his probabilistic formula to make the quantity positive. But, as he, himself, admitted, signals or messages in communications channels need not be meaningful in any ordinary sense. Yet meaning is the essence of information. Meaning, more than mass, is energy from the synergistic relationships between forms. Relationships are called fields in physics and biology, like Rupert Sheldrake's morphogenetic fields.

Secondly, to explain how order arises out of disorder within the traditional scientific worldview, systems theorists generally call such systems 'self-organizing'. But this is to ignore the role that the Logos and Life, bubbling up from the Divine Origin of the Universe, play in our creative activities. In the mystical worldview, this is *Prana* arising from *Akasha*, the Universal Field in Ervin Laszlo's cosmology.

To understand this, we need to stop looking at the Universe, and hence humans, as a machine, operating in the horizontal dimension of time, with a past and future. Rather, we need to turn time on its side, and look at it in the vertical dimension, in the context of the Eternal Now, like Eckhart Tolle. In my experience, this is the Great Attractor, both pushing and pulling us towards evolution's Glorious Culmination, where Alpha and Omega are One, a single, seamless Whole. Jung called this psychological healing process *individuation*, meaning 'undivided'.

## BOOKING DETAILS

Please book online at [www.scimednet.org](http://www.scimednet.org) or send paper bookings to:  
 Scientific and Medical Network, 151 Talgarth Road, London, W14 9DA  
 Email: [info@scimednet.org](mailto:info@scimednet.org)

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Number of people for Casa San Bernardo 29 September – 2 October  
 Single Room (£465)  Double Room (£375 pp)  (includes registration fee of £135)

Please specify below if you would like to reserve an extra bed and breakfast  
 and for which dates (single room £55, double room £32 pp)

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# CONVERGENT EVOLUTION, ATTRACTORS AND LOVE

September 30 – October 2  
 (arrival Thursday 29 Sept, departures Monday 3 October)

Casa San Bernardo, Rome  
 ([www.casasanbernardo.it](http://www.casasanbernardo.it))



## CONVERGENT EVOLUTION, ATTRACTORS AND LOVE

In 1941 the mathematician Luigi Fantappiè introduced a new type of causality into the explanation of life and evolution. The equations which combine quantum mechanics and special relativity show that, in addition to causality, retrocausality is also an ingredient of our universe. Whereas causality is governed by the law of entropy (diverging tendency), retrocausality is governed by a symmetrical law which leads to the increase of differentiation, complexity and structures. Combining the two Greek words syn=converging and tropos=tendency Fantappiè coined the word syntropy in order to describe the retrocausal action of attractors, the converging tendency of evolution towards a final unifying cause which he named love. A similar description was developed by Teilhard de Chardin and named Omega Point and by Carl Jung and Wolfgang Pauli, who called it synchronicity. The aim of the conference is to promote the sharing of contributions in this domain both in the scientific field and in the humanities and arts.

## PROGRAMME

The programme will begin with a welcome dinner on Friday evening at San Bernardo 30<sup>th</sup> September and run through the weekend until breakfast on Monday with fascinating talks and discussions throughout.

The final programme will be made up on the basis of abstracts accepted. Please send abstracts on the theme to David Lorimer, [dl@scimednet.org](mailto:dl@scimednet.org) by 31 May.



## ABOUT THE VENUE

Casa San Bernardo is found in the beautiful green Abbazia delle Tre Fontane. There are a range of wonderful excursions available including into the old parts of Rome.

## TRAVEL

The accommodation package for four nights will include dinner, bed and breakfast from Thursday to Sunday, and lunch and refreshments on Saturday and Sunday. This will cost £330 for singles and £240 each for couples. The Registration fee for the conference is £135. For those interested, we will arrange excursions all day Friday and on Sunday afternoon (cost not included). This will leave Monday free for your own outings. It may be possible to extend your stay either side of the meeting. There are cheap flights from London Stansted to Rome Ciampino with Ryanair and to Fiumicino Airport with Easyjet. You will be responsible for your own transfers.

## CONFIRMED SPEAKERS

DR ANTONELLA VANNINI is a practising psychotherapist and hypnotherapist with a PhD in cognitive psychology who has conducted experimental research on emotions and retrocausality. A Tai Chi instructor and expert in martial arts, Vannini is interested in the encounter between East and West. She is now exploring techniques to harmonise mind and body and developing the vital needs theory and the uses of the law of syntropy in the field of psychotherapy.

DR ULISSE DI CORPO holds degrees in experimental psychology and a PhD in statistics and social research. He works in the field of social research and provides methodological support and software tools to researchers. In 1977 he developed the vital needs theory, which was the subject of his thesis in psychology and statistics. He is currently working on the interaction of syntropy and entropy.

DAVID LORIMER is the Programme Director of the Scientific and Medical Network, President of Wrekin Trust and former President of the Swedenborg Society. He founded the Inspire-Aspire Values Programme ([www.inspire-aspire.org.uk](http://www.inspire-aspire.org.uk)), which has reached over 200,000 young people. He is editor of Thinking Beyond the Brain, Science, Consciousness and Ultimate Reality and co-editor of A New Renaissance. He is the author of *Radical Prince* and co-author of *The Protein Crunch: Civilisation on the Brink*.