

# John Templeton Foundation Proposal for Project Heraclitus

Paul Hague

April 2012

The John Templeton Foundation has a funding window this year, as outlined in this table, copied and pasted from their website:

	Online Funding Inquiry	Full Proposal (Invitation only)
<b>Submission window:</b>	February 1 - April 16	May 26 - September 4
<b>JTF review between:</b>	April 17 - May 16	September 5 - December 14
<b>Applicant notified by:</b>	May 25	December 21

Invitations are invited for their Core Funding Areas, plus two Funding Competitions, one of which is titled 'Breaking New Ground in Science and Religion', described in full at <http://www.templeton.org/what-we-fund/funding-priorities/breaking-new-ground-in-science-and-religion>. This is how they define this competition, which is being funded by five million dollars, the maximum of \$200,000 for any one project:

Over the past several decades the field of science and religion has produced a rich body of scholarship concerning the different purposes, methods and epistemologies of these two areas and their modes of interaction. Scholars have also addressed a range of more specific topics such as divine action, the meanings of evolution, fine-tuning, and varied elements of human nature. As productive as it has been, we at the John Templeton Foundation believe the science-religion dialogue has yet to investigate the full range of possibilities. In particular, it has largely been carried out from a perspective that is theistic (usually Christian), Western, methodologically focused, concerned primarily with the physical sciences, and has often been pitched at an introductory level. We believe that there is value in more work, particularly advanced research, which engages other scientific fields, more of the world's religions, a wider spectrum of cultural foundations, and a greater breadth of specific topics.

With this initiative, the Templeton Foundation is seeking research and writing projects that will break new ground and push the science and religion dialogue in fresh directions. We encourage proposals for projects that move beyond the current dialogue along one or more of the dimensions noted above.

My own life-long researches into the unification of science and religion are very advanced, moving far beyond the perspectives that the John Templeton Foundation has hitherto used to fund such inquiries, engaging all scientific fields, religions, and cultures at the utmost depth and breadth. This Funding Competition thus provides the best opportunity that I might have for finding funds to complete my life's work.

To this end, this pdf file contains the information that I intend to submit as an application for funds. The first nine pages (3–11) have been generated from the John Templeton Foundation's website, containing the information that I have entered online, but not yet formally submitted. Most of this must be supplied within a carefully defined structure, in unformatted text fields, limited to a specified number of characters, including spaces, 1,000 for most fields, with 150 for the project title, 1,300 for the executive summary, and 4,000 for the project proposal. However, it is permitted to upload two formatted files, one for an addendum to the project proposal and one for the curriculum vitae for the project leader. Page 12 in this file contains an addendum on 'The Principle of Unity', at once, the simplest and most difficult idea for people to grasp. Pages 13–16 contain my CV.

To support this application, I am currently writing a new introduction to my book called 'The Principle of Unity: Living Peacefully at the End of Time'. I am writing it as a thoroughly researched and referenced treatise, not in this instance attempting to write a popular tract. For the purpose of Project Heraclitus is to complete the revolution in science currently taking place, just as Newton completed the Copernican/Keplerian/Galilean revolution in 1687 with the *Mathematical Principles of Natural Philosophy*. As the Unified Relationships Theory includes a comprehensive model of the psychodynamics of society, I am very well aware why so many oppose this healing project. But I trust that Love and Intelligence can overcome these objections, for the rewards of doing so are literally out of this world.

As the Project Proposal points out, to publish *Wholeness* in 2013 will require a publishing team with the highest possible credentials. Making do because of lack of funds or skills will not be sufficient to make the impact that needs to be made. As I see the situation, nothing less than a scientific revolution of even greater power than those introduced by Newton, Darwin, and Einstein will be enough to give humanity the life-shock that is needed to awaken and liberate the people from their hopes, fears, and delusions.

To this end, I plan to send a copy of this treatise to Martin Rees, who is deeply concerned about the dangers of unremitting scientific and technological development and who is a past president of the Royal Society of London for Improving Natural Knowledge, founded in 1660. As Integral Relational Logic and the Unified Relationships Theory fall into this ambit, it is to the Royal Society that we must turn for authentication. For as its motto is *Nullius in verba* 'take nobody's word for it', which is how this cosmology of cosmologies has been formed, paradoxically, nothing less than their imprimatur will serve to resolve the immense problems being presented to humanity by scientific discovery and technological invention.

As IRL marks the most fundamental change in Western thought since Plato, Aristotle, and Euclid laid down its foundations some 2,350 years ago, we have an immense challenge in getting acceptance from either the mainstream ruling authorities or the alternative establishment. So if it is intended that Project Heraclitus will ever lift off, this would lead to the biggest change in the seventy years of my own life, which I feel fully ready to make, after much hesitation in the past.

All we really need is to get this spaceship off the ground, for once it is, its synergistically accelerating momentum will carry us all into wondrously radiant realms of the most outstanding beauty, awesomely described in the *Avatamsaka Sūtra* 'Flower Ornament Scripture', for instance. To this end, I plan to spend the rest of 2012 completing the creative writing for *Wholeness*. Much new material has already been written in the form of essays and the treatise that is emerging right now. So some aspects of updating the book should be just a matter of transferring text, including amending some errors and misconceptions that I have recently discovered.

However, I would welcome assistance with the glossary and the last few chapters of *Wholeness*. There is still more to write on how humanity got into the mess that it is in today, on this mess itself, which I call the seven pillars of unwisdom, and on how we could rebuild society on the seven pillars of wisdom, recognizing that none of us is separate from the Divine, Nature, or anyone else for an instant.

So it will also be helpful if we could begin team building this year. Then Project Heraclitus would have a flying start when it is launched in January 2013, with the plan to publish *Wholeness* in printed form by the end of that year. To give you a sense of where I am heading, you can best read the Executive Summary of the new treatise, available on my website [www.paragonian.org](http://www.paragonian.org), which I hope to redesign this year with help from some friends, at:

[http://www.paragonian.org/pdf\\_files/articles/2012/principle\\_of\\_unity\\_big\\_questions.pdf](http://www.paragonian.org/pdf_files/articles/2012/principle_of_unity_big_questions.pdf).

## **Project Heraclitus: Intelligently transforming either-or thinking into a both-and way of life, in harmony with the fundamental law of the Universe - ID: 38724**

Type of Funding Request: Online Funding Inquiry

Status of this Funding Request: Draft/Saved

### **Instructions:**

This PDF document is a read-only version of your funding request as it currently stands. You may print or save this document for your records. However, you **should not** attempt to edit this document. Any edits made to this PDF **will not** be saved in the Templeton Portal. If there are further edits that you would like to make to your funding request, please return to the request inside the Templeton Portal, select the appropriate section(s) of the form, make your edits, and save your work. After saving your work in the portal you will be able to generate a new PDF version of the funding request that includes your recent edits.

When you are satisfied with your description of the proposed project, you may go to the Templeton Portal to submit your request. Please note that **all requests must be submitted through the Templeton Portal** and the Foundation will not accept this PDF as a valid application for funding.

After submitting your request, it will become read-only and you will not be able to make any additional edits.

## **Funding Request Info**

### **Request Type**

**Request Type:** Funding Competitions

**Funding Competition:** Breaking New Ground in Science and Religion

**What prompted you to request funding from the John Templeton Foundation?:** JTF's Big Questions campaign

## Project

**Project title:** Project Heraclitus: Intelligently transforming either-or thinking into a both-and way of life, in harmony with the fundamental law of the Universe

### Executive Summary:

The core question addressed is “What is causing scientists and technologists to drive the pace of evolutionary change at unprecedented exponential rates of acceleration?” For as Sir John wrote in his ‘Philanthropic Vision’, the development of human knowledge is accelerating, but we are still ignorant of why this is happening, thereby limiting our understanding of God and fundamental spiritual principles.

Using semantic business-modelling methods of information systems architects, Project Heraclitus shows that evolution is now passing through the most momentous turning point in its 14-billion year history, giving us the wonderful opportunity to realize our fullest potential as Divine, Cosmic beings.

The primary output from this project is a scholarly book called ‘Wholeness: The Union of All Opposites’, describing Integral Relational Logic (IRL), a commonsensical science of thought and consciousness that provides the coordinating framework for the much sought-for theory of everything: the Unified Relationships Theory (URT).

The main outcome from the publication of this synthesis of all knowledge will be an immense release of synergistic energy, bringing much needed Love and Peace to our troubled world by ending the long-running war between science and religion.

### Project Description:

By unifying Western reason and Eastern mysticism, the principal purpose of Project Heraclitus is to complete the revolution in science currently unfolding in the world, just as Isaac Newton completed the Copernican revolution with the publication of ‘Mathematical Principles of Natural Philosophy’ in 1687. To this end, the main aim of Project Heraclitus is to publish a book in 2013 called ‘Wholeness: The Union of All Opposites’ or ‘Semantic Principles of Natural Philosophy’, to signify its relationship to the first scientific revolution.

‘Wholeness’ is so titled because it has come into being through the action of the Principle of Unity, the fundamental design principle of the Universe: Wholeness is the union of all opposites. (See also attachment.)

Project Heraclitus is so called because Heraclitus was the principal both-and thinker in ancient Greece, whose mystical philosophy of change was rejected by both Plato and Aristotle, sending Western thought into the evolutionary cul-de-sac it finds itself in today—egoic, ethnic, conflict-ridden, either-or thinking being predominant.

‘Wholeness’ is the result of some 32 years research and writing, with a further 30 years preparation before that. To guide my inquiries over the years, I asked 3 questions as an 8-year-old, 1 at 16, and 3 more in 1980:

1. What is the relationship between God and the Universe, as concepts denoting Wholeness?
2. When nations go to war, why do they each believe that God is on their side and against the other?
3. Why are there so many religious denominations and why do they talk so much about love and peace, yet spend so much time fighting each other?
4. What can we know about the Universe that is beyond the frontiers of science at any one time?
5. What is causing scientists and technologists to drive the pace of evolutionary change at exponential rates of acceleration?
6. Will computers ever develop artificial intelligence, exceeding human intelligence, and if not, what quality do human beings have that machines can never have?
7. Whatever the answer to this question, what are the long-term psychological and economic implications of humanity’s growing dependency on information technology, particularly for employment, skills, and the quality of life?

Answering these questions shows that the answer to four Big Questions of human existence—“Who are we?” “Where have we come from?”

“Where are we going?” and “What is the meaning of life?”—is Wholeness, whose study is as much theology as science, for Wholeness is God by another name.

If ‘Wholeness’ is to realize its fullest potential, it should be as highly a polished product as possible. Making do because of lack of funds or skills is not acceptable. So we shall need to set up a publishing team with the highest possible credentials.

At present, ‘Wholeness’ is about 750 A4 pages, written in Adobe FrameMaker. So we shall need book designers, indexers, and language editors familiar with this powerful tool. As ‘Wholeness’ is transcultural and transdisciplinary, we shall also need specialists in their various fields as content editors. However, we should be aware that many subjects look quite different when looked at from Wholeness. And, of course, we shall need marketeers, distributors, and web designers to promote this product.

Part I on IRL could theoretically be published separately, for it corresponds to Aristotle’s ‘Organon’, which laid down the foundations of deductive logic. However, IRL is merely the skeleton supporting the flesh of the coherent body of knowledge that is the URT. Furthermore, the URT, as a synthesis of all knowledge, is limitless. So Wholeness could have several editions over the years, like Newton’s ‘Principia’ and Darwin’s ‘Origin of Species’.

The many issues still to be worked on will be addressed in a detailed business plan should the John Templeton Foundation invite me to make a Full Proposal. A 150-page summary of my life’s work is also available.

**Project Description Attachment:** Principle of Unity.pdf

**Strategic Promise:**

As an information systems architect by profession, I am more a generalist than a specialist, developing a coherent, all-inclusive body of knowledge that heals the divisive, split mind in Wholeness, called God, Brahman, and many other names. However, that is not how the education system is organized today. It is divided into specialisms and fragmented fields, with high hedges between them, severely limiting our vision.

Project Heraclitus will show how we can use the Principle of Unity to dissolve these barriers between us, enabling us to find the True Identity—Ineffable, Nondual Wholeness—that we all share as Love, Stillness, and Presence, while also recognizing our uniqueness to evolve as individuals, literally undivided beings.

By focusing attention on what we are in common, all the holy wars—wars about the Whole—that have bedevilled human affairs for thousands of years, will come to end, enabling us to live in love, peace, and harmony with each other and our environment.

**Capacity for Success:**

The success of Project Heraclitus is not dependent on the capacity of any individuals who will work on it. Rather, it is dependent on evolution applying the Principle of Unity to change direction from divergence to convergence, in the manner that Pierre Teilhard de Chardin prophesied in ‘The Human Phenomenon’.

For myself, my lifetime pursuit of excellence has been guided by exactly the same evolutionary energies that guide us all. ‘Wholeness’ is thus a book that has been researched as thoroughly as any book could be. As a result, as I approach my 70th birthday, I am at the height of my powers as a human being, able to see with utmost clarity our Ultimate Origin and Destiny as a species.

Yes, Project Heraclitus is an immense challenge. But if we are able to send men to the Moon, I feel sure that it is within our capacity as a species to draw on the ancient wisdom of the world religions to cocreate Heaven on Earth. Our children and grandchildren deserve nothing less.

**Expected Outputs:**

‘Wholeness’ is in 3 parts:

Part I, 'Integral Relational Logic', has evolved from Ted Codd's relational model of data, widely used on the Internet. Building on this nondeductive system of thought, soundly based on pure mathematics and deductive logic, IRL introduces the most fundamental change in Western thought since Plato, Aristotle, and Euclid laid down its foundations.

Nonaxiomatic, holographic, fractal-like IRL provides the Context, framework, and Foundation for Part II, 'The Unified Relationships Theory', showing that meaningful psychospiritual relationships are nonlocally causal, building on David Bohm's theory of the implicate order, which resolved the incompatibilities between quantum physics and relativity theory.

Part III, 'Returning Home to Paradise', describes our evolutionary story from Alpha to Omega, showing how evolutionary divergence of the past 14 billion years can be synergistically transformed into convergence, leading to much longed-for Peace on Earth.

### **Expected Outcomes:**

For thousands of years, there has been a deep longing in the human heart for a coherent body of knowledge that explains all our experiences, from the mundane to the mystical. 'Wholeness' fulfils that need, so the publication of this book is likely to release immense synergistic energy that has been held back by our mechanistic, divisive conditioning, lying deep in the collective unconscious.

Specifically, we shall use the Principle of Unity to look inwards, rebuilding our education system on seven pillars of wisdom, recognizing that we are not separate from God, Nature, or each other for a single instant in our lives. Through self-inquiry, we shall understand that our health and well-being is dependent on us all working harmoniously together with a common vision, enabling us to make radical changes to the work ethic, leading to the Sharing Economy, a healthy way of managing our business affairs that gives everyone on Earth the opportunity to realize their fullest potential.

### **Enduring Impact:**

Aurobindo said in 'The Superman' that evolution has the potential to carry humanity into a superintelligent, superconscious species. However, Supermind cannot be elitist. As Teilhard said, the entry into the Superhuman will only happen through the thrust of all-together rejoining one another in a spiritual renewal of the Earth.

This is like the Bodhisattva vow in Mahayana Buddhism: no one can be fully enlightened until the entire species is awakened. And as Smuts said in 'Holism and Evolution', evolution is the development of a progressive series of wholes, from the inorganic to the highest levels of spiritual creation, leading eventually to Wholeness.

With the great Spiritual Renaissance taking place today, ending the long-running war between science and religion—as is the purpose of Project Heraclitus—will lead us into the Wisdom Society, an eschatological epoch of exquisite radiance that will endure for as long as there are human beings dwelling on our beautiful planet Earth.

**Currency:** British pounds

**Request Amount:** 120000

**Total Project Amount:** 120000

### **Additional Funding from Other Sources:**

During the 32 years I have been investigating the root causes of change in the world today, this project has been mostly self-financed apart from a gift of an Apple Macintosh computer from my Norwegian bride's mother in 1986. Twice, I have sold apartments (in London in 1981 and Stockholm in 2003) to release equity and twice I have worked as a short-term computer consultant (in Kuwait in 1982 and Stockholm from 1998 to 2004). In parallel, I was employed at the IBM Nordic Software Development Laboratory in Sweden in the 1990s, receiving early retirement in 1997 at 55. Since 2007, this project has been mostly financed from a lump-sum pension I received from my job with IBM (UK) in the 1960s and 70s, now used up.

I feel confident that should the John Templeton Foundation grant me funds to publish my book, additional funding will become available for the many other projects that will arise from this endeavour, not the least for a 13-part television series on 'Our Evolutionary Story'.

**Proposed Project Start Date:** 01/01/2013

**Proposed Project End Date:** 12/31/2013

**Relation to Sir John Templeton's Donor Intent:**

Science and religion cannot be unified while they are contained within incompatible contexts: the physical universe and the Supreme Being, conceived as God, Brahman, Shunyata, Tao, etc., and experienced as Stillness, Presence, Love, and Peace by mystics through the ages. So the main Big Question that Project Heraclitus addresses is "How can we provide science and religion with a single Divine, Cosmic Context?"

This question is answered by using the holistic business-modelling methods of computer scientists to integrate all knowledge in all sciences and religions into a coherent whole, showing that Consciousness is all there is, thereby providing the overall context for all our learning and ways of life, no matter what culture we belong to or discipline we specialize in.

'Wholeness' has expanded Spiritual Information at hyperexponential rates of acceleration, humbly answering many of Sir John's 92 questions in 'Possibilities' by healing the deep wound in the cultural psyche.



## Personnel

### Primary Contact Information

**Prefix:** Mr.

**First Name/Given Name:** Paul

**Middle Names:**

**Last Name, Family Name, or Surname:** Hague

**Suffix:**

**Title:**

**E-mail:** wholeness@paragonian.org

**Phone Number:** 0046303775536

### Project Leader

**Project Leader Status:** The Primary Contact is the Project Leader

**Project Leader's CV/Resume Upload:** Paul Hague Curriculum Vitae.pdf

### Project Co-Leader

**Project Co-Leader Status:** There is no Project Co-Leader for this request

**Personnel Relationship to JTF:** No

**Additional Request Contact Name(s):**

Although I am applying for funds as an individual, you will see from my website at <http://www.paragonian.org> that I have a vision for a Paragonian Foundation to carry peaceful evolutionary convergence forward. At present, I have a few friends working with me on realizing this vision, which came to me in 1984, when envisioning a society living in love and peace, beyond conflict and suffering, in harmony with the Principle of Unity, the basic law of the Universe.

However, changing from competitive either-or thinking to cooperative both-and is not easy. So the seed for this living organism—the Principle of Unity—has not yet found sufficiently nourishing ground and environment—well-watered and lit, free of inhibiting stones and thistles—to sprout and grow into full maturity, like an acorn growing into a mighty oak.

Also, I must emphasize that I am only applying for funds to publish my book on 'Wholeness', as described in the Project Proposal, not to set up this organization.

**History with the Foundation:**

As someone who has been exploring the Big Questions of human existence for over six decades, I probably first heard about the John Templeton Foundation in the 1990s. However, the answers that were then emerging in consciousness did not have sufficient clarity and cohesion, and as a synthesis of everything cannot be categorized within any Core Funding Area, I have not felt it appropriate to seek support until now.

So I have not previously received funding from the Foundation, participated in any Foundation-sponsored event, or discussed this proposed project with anyone at the Foundation.

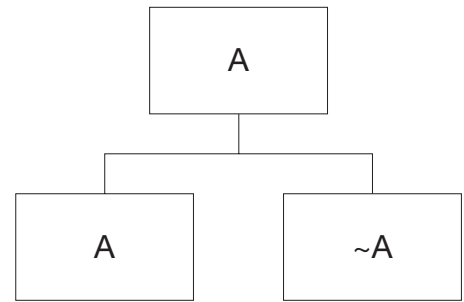
This situation has changed with the Foundation's Funding Competition for 'Breaking New Ground in Science and Religion', which fits perfectly with the central theme of my life during the last 62 years.

## **Organization**

I am seeking funding as an individual

# The Principle of Unity

The Principle of Unity, the fundamental design principle of the Cosmos, is not only expressible in seven words: *Wholeness is the union of all opposites*. This irrefutable, universal, axiomatic truth can also be denoted in six mathematical symbols:  $A = A \cup \sim A$ , where  $A$  means any being whatsoever,  $\cup$  union, and  $\sim$  not, depicted in this diagram.



When we live our lives in harmony with this all-embracing law of Life and the Universe, rather than disobeying, denying, and ignoring it, as has been customary for thousands of years, everything changes in a quite extraordinary and magnificent manner.

A few examples of this primary-secondary relationship are Wholeness and Oneness, Nonduality and duality, Consciousness and consciousness, Intelligence and intelligence, Love and love, Peace and peace, Life and life, perfection and imperfection, good and evil, beauty and ugliness, synthesis and analysis, art and science, implicate and explicate orders, and Eastern mysticism and Western reason.

For as Lao Tzu wrote in *Tao Teh Ching*:

*When all the world recognizes beauty as beauty, this in itself is ugliness.*

*When all the world recognizes good as good, this in itself is evil.*

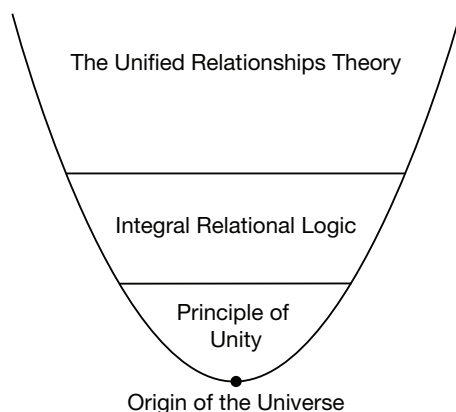
And as Heraclitus said in the few fragments of his writings that have survived:

*The Hidden Harmony is better than the obvious.*

*Opposition brings concord; out of discord comes the fairest harmony.*

*People do not understand how that which is at variance with itself agrees with itself.*

In contrast, Aristotle said in *Metaphysics*, "It is impossible for the same attribute at once to belong and not to belong to the same thing and in the same relation ... as some imagine Heraclitus says." This Law of Contradiction, which is the implicit axiom for deductive logic and mathematical proof, is an obvious symptom of our grievously sick society, suffering from delusion and schizophrenia, 'split mind'.



This diagram shows how we can use the Principle of Unity to generate a brand-new Universe starting at its Origin, thereby healing our fragmented minds in Wholeness. First, by using our self-reflective Intelligence, the Divine quality that distinguishes humans from machines, like computers, we build Integral Relational Logic (IRL), the commonsensical science of thought and consciousness that describes how we form concepts and organize our ideas. Secondly, IRL provides the Gnostic Foundation, coordinating framework, and Cosmic Context for the Unified Relationships Theory (URT), the Apotheosis of human learning. While this evolutionary process is open-ended, with no limits, it actually converges on Ineffable, Nondual Wholeness through a complementary involutory process. It is in this simple way that we can end the long-running war between science and religion and live in love and peace with each other in the Eternal Now.

While this evolutionary process is open-ended, with no limits, it actually converges on Ineffable, Nondual Wholeness through a complementary involutory process. It is in this simple way that we can end the long-running war between science and religion and live in love and peace with each other in the Eternal Now.

# Paul Hague's Curriculum Vitae

## PERSONAL DETAILS

NAME: Paul Hague  
ADDRESS: Hällungevägen 60  
444 97 Svenshögen  
Sweden  
TELEPHONE: +46-303-77 55 36  
E-MAIL: wholeness@paragonian.org  
WEB: www.paragonian.org  
DATE OF BIRTH: 22nd May 1942  
PLACE OF BIRTH: Maidstone, Kent, England  
NATIONALITY: British  
COUNTRY OF RESIDENCE: Sweden



## EDUCATION

1953–60 MAIDSTONE GRAMMAR SCHOOL  
Three 'A' Levels: Mathematics and Higher Mathematics, Physics  
1960–64 UNIVERSITY OF NOTTINGHAM  
B. Sc. Mathematics

## CAREER RESPONSIBILITIES

1964–67 CENTRAL ELECTRICITY GENERATING BOARD (CEGB R. & D. Division)

### **Mathematician/programmer**

The development of simulation models of the long-term financial and electrical characteristics of distribution networks on IBM 7094 and 360/75 using FORTRAN. Moved when married to fine art student at Newcastle University.

1967–68 NORTH EASTERN ELECTRICITY BOARD

### **Systems analyst**

Specification and software evaluation of competitive tenders from IBM, ICL, Honeywell, and Burroughs for new third-generation computer system for business information systems. Returned to London, where my wife and I had two children, now with children of their own. It is the future of their generation that has been a major motivating factor in my researches during the past thirty-two years.

- 1968–80 **IBM UNITED KINGDOM LTD**
- 1968–73 **Systems engineer** then **senior systems engineer** — Government Branch Account SE for Southern Gas Board, which included sale and installation of CICS using PL/I, and the Land Registry, involving training of new DP department. Then branch responsibility for database and text marketing with IMS and STAIRS, working particularly with the Department of Employment and the Home Office. Received SE Professional Excellence Award for this work.
- 1974–77 **Field systems engineering manager** — Transport and National Enterprises Branch, then North London Branch
- Management responsibility for approximately twelve systems engineers. Account responsibilities included the Post Office (now British Telecom), particularly for the financial and support aspects of their prestigious MVS/TSO in-house service bureau, CEGB, British Rail, London Transport, and London Online Local Authorities (LOLA). Achieved three hundred-per-cent clubs as manager.
- 1978 **Personal computing specialist salesman** — North London Branch
- Branch responsibility for selling personal computing and programming productivity program products, including financial planning packages, query languages, and APL. Achieved hundred-per-cent club.
- 1979–80 **Information systems specialist** — Cross Industry Applications Marketing, then Information Systems Support Centre
- UK responsibility for marketing personal computing program products and for the development of management consultancy offerings in the Decision Support Systems and Information Centre areas. Wrote a management guide on this radically new way of developing information systems, giving keynote presentations at executive seminars at IBM's European Education Centre near Brussels.
- 1980–89 **Research project**
- Realizing how little we understood about the stored-program computer, invented thirty years earlier, and the long-term implications for employment and the quality of life in the workplace, resigned from IBM in May 1980 to work full-time on finding answers to some of the Big Questions of human purpose and Ultimate Reality, such as “Who are we?” “Where have we come from?” and “Where are we going?”
- Specifically, to discover the root cause of accelerating evolutionary change, being driven by my colleagues and me, I set out to develop a new cosmology that would unify the psychospiritual energies at work within us all with the four physical forces recognized by the physicists. My primary scientific mentor during this first decade was David Bohm, a friend and colleague of both Albert Einstein and J. Krishnamurti, similarly seeking to heal the fragmented, split mind in Wholeness.
- By studying human vis-à-vis artificial intelligence, it was during this period that Integral Relational Logic (IRL) began to emerge in consciousness, a generalization of Ted Codd's relational model of data, which I first read in 1972, when engaged in database systems marketing in IBM's Government Branch.

To help finance this project, other activities during this period included:

1981–82 INBUCON INTERNATIONAL LTD (Management Consultants)

**Computer consultant** in Kuwait

Technical responsibility for design and implementation of US-style management accounting system for Kuwait Institute for Scientific Research. Installed general ledger package with new accounts structure, designing user interface in both English and Arabic under VM/CMS.

1987–89 HASTINGS INFORMATION TECHNOLOGY CENTRE (HITEC)

**Instructor**

Responsibility for training adults and school leavers in the business use of personal computers.

1990–97 IBM SVENSKA AB

1990–95 **Project leader, technical writer, and human interface designer** in IBM Nordic Software Development Laboratory in Stockholm. Moved there with Norwegian wife.

Products were LanguageAccess, a natural language product providing non-technical users access to relational databases, DP Accounting Manager (DPAM), an accounting system for mainframe systems, CICSVR, a product for recovering CICS databases, and an expert system for the performance evaluation of complex mainframe products. Received two professional-excellence awards for this work.

Also responsible for the introduction of new tools and techniques in the Information Development Department, including design and implementation of a security and library management system, the migration to PostScript for printed books, and the migration to SGML as the book markup language. Received professional-excellence award for this work.

1996 **Project leader** in IBM European Software Technical Centre (STC)

When the Nordic lab's products were transferred to other countries, became project leader for the Solution Evaluation Tool (SET), a hardware tool for measuring the performance of a network of workstations running Windows or OS/2. Received professional-excellence award for this initiative.

1997 **Consultant** in IBM Global Services

When the STC was closed down, became consultant to the project leader responsible for the implementation of IBM's NetworkWorkStation (NWS) Management system in the Managed Operations marketplace. Offered and accepted early retirement from May 1997.

1997– **Research project**

On receiving early retirement from IBM, returned to work full-time on what is now Project Heraclitus. To reach out to the world with the answers to the Big Questions of human purpose and Ultimate Reality as they were becoming revealed to me, I set up a website at [www.paragonian.org](http://www.paragonian.org). *Paragonian* is a word that I coined in 1984 to denote a spiritual society living in love and peace beyond conflict and suffering, which I visualized would one day emerge on Earth in a great awakening

of love, intelligence and consciousness, much as visionaries like Aurobindo Ghose and Pierre Teilhard de Chardin had prophesied.

To finance both my spiritual awakening and technical needs, worked as consultant:

1998–2004 FRONT CAPITAL SYSTEMS AB, subsidiary of SUNGARD in USA

**Computer consultant** in Stockholm World Trade Centre with five three-month contracts.

Worked on Front Arena, a highly complex product for investment banks involved in trading in instruments such as bonds, equities, derivatives, exotic options, hedge funds, and currency exchange.

Specifically responsible for documenting the Arena Extension Language (AEL) based on Python, financial SQL functions, the Arena Data Flow Language (ADFL), and the Arena Class Model (ACM), a proprietary object-oriented class library, a task that involved some Python programming. Also organized the Arena Data Model (ADM), based on the relational model of data, on a large sheet of paper, for display in customers' and company offices, long overdue and very well received.

## **UNIFYING WESTERN REASON AND EASTERN MYSTICISM**

Although I never formally had the job title **Information Systems Architect** in my business career, it is by looking at the business world from this perspective that I have been able to use the modelling methods of IS architects to unify Western reason and Eastern mysticism. For architects are the master builders, able to see the Big Picture, whether this be the business world in its entirety, the psychodynamics of society as a whole, or the Totality of Existence.

So today, I look at the Universe, not in terms of mass, space, time, and energy, like physicists, but as an information system, whose core concepts are form, structure, relationships, and meaning. I thus view the business world through the eyes of a Chief Information Officer rather than those of a Chief Financial Officer. For money is a type of information and so can be represented in semantic information systems models, but the meaning of information—especially what Sir John Templeton called *Spiritual Information*—and hence its value, cannot be satisfactorily represented in the quantitative, financial modelling methods of economists, bankers, and accountants.

As a consequence of this wondrous healing, awakening, and liberating process, I now view the Universe as Consciousness, a worldview that some leading quantum physicists are moving towards today. Empirically, my own individual consciousness has expanded and deepened to such an extent that it has become coterminous with Consciousness itself, called *Satchidananda* in Sanskrit, meaning the bliss of Absolute Truth and Consciousness. I can thus say, with Meister Eckhart, the pre-eminent Christian mystic, “The eye with which I see God is the same as that with which he sees me,” ‘eye’ being self-reflective, Divine Intelligence, a quality that machines, like computers, can never have.

I trust that by sharing my life experiences as widely as possible, I could help my fellow human beings to similarly reach evolution's glorious culmination. For Wholeness is the meaning and purpose of life, our True Nature, living in complete union with the Cosmos and the Divine. No one can actually return Home to Wholeness, for none of us have ever left Home.