



IQ Nexus Journal

Reality Begins

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2016 Dr. Vernon Neppe and Dr. Edward Close: The Whiting Memorial Award for 2016.

Special Press Release: Dr Vernon Neppe and Dr Edward Close recognized with the prestigious ISPE international prize

Dr. Edward Close and Dr. Vernon Neppe were awarded the coveted 2016 Whiting Memorial Award for “*expanding the boundaries of scientific understanding*”. The Whiting Memorial Fund is a philanthropic fund administered by the International Society for Philosophical Enquiry (‘ISPE’) (www.thethousand.com) to “*reward individuals and groups, whose accomplishments and goals exemplify the ideals of ISPE*”. The award was announced in August 2016, and this Press Release of October 2016 is the official press release.

This international award is open to anyone worldwide in any discipline, and is given to a person/ persons or organization (outside or within ISPE) who typifies the ISPE ideal of “*someone who strives to benefit society in general through advanced enquiry, original research and/or creative contributions, and who has demonstrated significant progress in these endeavors.*” This sought after prize may be conferred yearly, but historically has seldom been awarded, because it is only conferred when the committee unanimously chooses a worthy nominee. ISPE’s only mission is “*to attract the world’s most intellectually gifted individuals and hopefully direct their achievements for the betterment of all humankind.*” ISPE advances no political, governmental, religious, race, gender, ethnic, activist or academic agenda. “*This is what ISPE is all about: Making our world better by*

encouraging profound excellence”, emphasized Stephen Levin, the ISPE President. “This award should have happened a long time ago to Drs Neppe and Close. It’s well-deserved and too long coming.”

What is unique is that the ISPE organization played a major role in this first joint award of the Whiting Prize: Vernon Neppe MD, PhD, Fellow Royal Society (SAf), and Edward Close PhD, PE, actually met through their ISPE membership. Moreover, these two scientists deliberately specifically joined ISPE in the hope of finding another ‘Thousander’ to collaborate with in developing a unified theoretical model for reality:

For Close: *“We had both already developed our own models but we regarded that as insufficient. We needed to combine any expertise and knowledge we had to progress with this task, which we regarded as, and still regard as, the ‘song we’re singing in this world’.”*

And Neppe continued: *“Yes. This work has gone beyond us and we realize that development of an entirely new model of reality is of groundbreaking importance, but it might take decades to be fully recognized. We hope it will not take that long, and this award might serve as a wake-up call recognizing*

- *the unification of everything,*
- *about Space, Time and Consciousness being three different, but always unified, dimensional substrates,*
- *the presence of the third substance, gimmel,*
- *9 finite spinning dimensions and*
- *our current 3 dimensions of space in a moment in time just reflect our experience, and*
- *the importance of infinity in our everyday life.”*

Close chimed in: *“And of course, the practical relevance for the future of science is potentially enormous, now that we understand more about dark matter being linked with both gimmel (which is likely consciousness) and requiring the 9-dimensional model to understand it. Effectively, this implies that the same rules of nature apply at every level be it in Quantum Physics, Cosmology or our ordinary reality.”*

“Moreover, we now understand that atoms cannot just consist of protons, neutrons and electrons, as we were taught in schools, and even when we add in subatomic particles in protons and neutrons, it still does not work. Additionally, we can begin to appreciate the complexities of the so-called ‘particle soup’ of ephemeral particles like the Higgs Boson. In effect, we can predict the needs for stability in the elements that constitute our cosmos, and even more so, the requirement of symmetry in the specific Elements of Life. It’s quite exciting to understand why the

Periodic Table of the Elements is structured as it is, once we combine in features such as gimmel, electron spin and 9 dimensions.” Neppe added.

“ All these findings are, with respect, groundbreaking, and our current and future scientists can build on these new foundations.” Close concluded,

The Whiting Prize has not been awarded to an ISPE member since 2008. The ISPE is a worldwide 1 in 1000 intelligence organization, currently with about 500 members. This society emphasizes progression through different levels of accomplishment. Drs Close and Neppe have both attained the highest public level of ‘Diplomate of the ISPE’.

This is not their first award for their research: In February 2013 in Puebla, Mexico, Dr Neppe and Dr Close received the well-respected ‘*Gabino Barreda Award*’ and medal involving an earlier version of their critically important metaparadigm ‘*Triadic Dimensional Distinction Vortical Paradigm*’ (TDVP).

By that stage, Close and Neppe had empirically shown how Space, Time, and Consciousness (STC) are all separate, and not just one being ‘a derivative of the other’ in our 3S-1t reality. Instead, STC is always in union. They further argued cogently that we have gone beyond Minkowski’s 1908 union of ‘Space-Time’. Instead, as of 2011, they proposed a union of ‘Space-Time-Consciousness’ (STC). To Neppe, *“no longer were we referring to ‘Space-Time alone’, but to the required union of the three. ‘Consciousness’ has its own primacy, yet manifests differently: In our current reality experience we might barely notice it, yet at the infinite levels, it contains all of Space and Time.”*

This Space-Time-Consciousness (STC) union is strongly substantiated in their massive 500-page, 50-chapter book ‘*Reality Begins With Consciousness: A Paradigm Shift that Works*’ (www.brainvoyage.com). This book is now in its 5th Edition, and they have further published hundreds of peer-reviewed publications. Neppe and Close contended there must be a ‘triad’: These three substrates of Space, Time and the Extent of Consciousness are, and have always been inseparably tethered together in everything. ‘Consciousness’ in this context has its own dimensional ‘extent’ identity—this ‘extent’ of consciousness is necessarily inseparably tethered to Space and Time. The authors have been very careful to carefully define and operationalize terms such as ‘consciousness’ and ‘dimensions’.

They also demonstrated that the Neppe-Close model of the ‘Triadic Dimensional-Distinction Vortical Paradigm’ (TDVP) is very versatile in explaining numerous facets of reality without contradiction: TDVP scores perfectly

on criteria applied for a so-called 'Theory of Everything' (TOE). TDVP scores 39/39; other than their own previous models at 27 and 23/39 respectively; yet, none of the 21 others examined scored even 20/39.

Furthermore, they had also extended TDVP to philosophy, and proposed a mind- brain philosophical model that could justify, on the one hand, our regular three spatial dimensions in a moment of time experience of reality, as well as the infinite, survival after death, altered states of consciousness, and psi. They argued, too, that life and order have links with the infinite, and that there is still meaning in the inanimate. These concepts constitute the Neppe-Close philosophy of '*Unified Monism*'. This is a consequence of the Neppe-Close TDVP scientific and mathematical model and is well supported. It allows a different perspective from the other philosophically restricted options that argue that consciousness is derivative or an epiphenomenon of Space-Time or consequent of Mass-energy (a variant of materialism), or the converse, with Space-Time or Mass-Energy being derived from consciousness (as a variant of Idealism and linked with many Eastern philosophies). Moreover, Unified Monism does not require a variant of dualism because the finite is embedded within the infinite and higher dimensional domains contain lower ones producing a unification.

The 2013 Gabino Barreda Mexican prize awarded to Close and Neppe was the direct result of their findings, up to that time. But they preceded what might have developed into even more major contributions. This time, Neppe and Close could prove their work mathematically and extend that math in paradigm shifting ways. In a way, the 12-month period from late 2015 onto 2016 has been their '*Golden Year*' with profound discoveries that are radical, groundbreaking and change the whole conception of reality. Remarkably, many of their findings are beyond speculations because they have been mathematically proven, applying techniques they've developed namely the *Close Calculus of Distinctions and Dimensional Extrapolation*. Furthermore, they have applied '*Diophantine Equations*' in mathematical number theory to show the importance of cubic integral equations producing a '*Conveyance Equation*' which can describe fundamental reality and consciousness in the process.

Firstly, these scientists were able to demonstrate mathematically that finite reality involves 9 spinning dimensions and our current experience is just a part of that. This they did by deriving the Cabibbo angle, something never before done despite 50 years of trying by physicists. This finding was then replicated, and several other components relating to intrinsic electron spin and the hidden electron cloud were solved.

Next, and dramatically, arguably their most important series of findings, Close and Neppe showed that all particles are in union with a property they had hypothesized called '*gimmel*'. This *gimmel* is the necessary third mass-less and energy-less substance. It is in union with all mass and energy. *Gimmel* is thought to be 'consciousness' at least in part. They, furthermore, have shown that every fermionic particle at the subatomic level has different *gimmel* properties, something that they hypothesize may be important because it might imply 'meaning'.

Remarkably, they demonstrated several other major related findings:

1. *The materialistic model of the atom based on the Periodic Table of the Elements is untenable.* This is demonstrated through calculating the volumes, and volumetric equivalents or mass equivalents of protons, neutrons, and electrons. In each instance, this triad alone cannot produce whole atoms: "*We cannot have a fraction of an atom,*" Dr Neppe points out. The only way the atoms can be stable is through there being something else (*gimmel*) to make them stable—otherwise the atoms would simply fly apart. The same rules applies even when adding in subatomic particles like quarks. "*There needs to be that extra component for the atom to remain one,*" Edward Close added.

2. *Gimmel appears to be Gluons.* This amazing proposal changes a fundamental area of particle physics showing that a concept that won a Nobel Prize is incorrect (Laureate Murray Gell-Mann). Gluons are not linked with electrons; and *gimmel* is necessarily so linked: In fact, we have found there is more *gimmel* in union with electrons (105 for each electron), than any other finite subatomic substance. (Neppe and Close have been working on the amount of *gimmel* in photons. They have hypothesized that relative to our usual experience in three spatial dimensions in a moment of time, photons be may be associated with the same as linked with electrons based on the Einsteinian photo-electric effect, but relative to certain dimensional domains such as the infinite, photons have an infinite amount of *gimmel*).

3. *There are special gimmel properties for all the elements of life.* They have shown that the elements of life (H, O, N, C, S, Ca, Mg) and the inert gases (He, Ne) contain an atomic profile in TRUE units ('Triadic Rotational Units of Equivalence') that distinguish themselves from all others. These elements (and water) are also cubic multiples of 108 cubed. They also showed, by applying these mathematical means, that:

- Silicon should be an element of life;
- Water has more *gimmel* than any other compound;
- Hydrogen, which lacks a neutron, has compensating '*gimmel*' or '*daled*';
- Phosphorus must be asymmetric; and

- Iron, though not a life element but a carrier of oxygen, has more gimmel because of its size.

4. *They made an ostensible breakthrough in Cosmology:* The proportions of dark matter and dark energy to the cosmos correlate exactly with the ratio of gimmel to TRUE in the equivalent cosmological elements, namely predominantly Hydrogen and also Helium. Amazingly, the ratios correlate at the 1 in 1250 level. This means that gimmel must be in the cosmos and given that Close and Neppe propose that gimmel is consciousness in some way, it would mean there is consciousness even in Cosmology.

5. *Even more remarkably, they further provide significant evidence that these dark substances to the atom:* Just this month (September 2016), these two scientists have made another dramatic published peer reviewed discovery: It is likely that dark matter correlates with gimmel in the nucleons, dark energy with gimmel in the electrons, and that these dark substances are ‘contained’ in the atom. However, just as gimmel is conceptualized in a 9-dimensional finite spin model, so must dark matter and dark energy be. This remarkable discovery might explain the location of dark substances, and again suggests amplifying the a role for consciousness.

6. These dark matter and dark energy findings suggest that *the same laws of nature apply for quantum, macroscopic and cosmological levels, something different from current thinking which talks about ‘quantum weirdness’ and separate rules.* Moreover, this research further supports the fundamental understanding of physics by applying the Close-Neppe 9-dimensional spin model, applying the extended boundaries for our finite reality.

7. The basis of the gimmel work is being able to demonstrate that isotopes of the elements that *exist* in the universe, must be *stable*, and the life and some noble elements must be symmetrical. Their work also significantly clarifies why the different electron shells are the sizes they are, ideas of valence, why spin is needed, triadic quarks and sets up a structure for Periodic Table of the Elements but with gimmel as part of that structure.

8. Indeed, Neppe and Close have pioneered the whole new interdisciplinary science of ‘*Dimensional Biopsychophysics*’ which goes beyond our length, breadth and height registered in a moment (the present) in time (‘3S-1t’). Dimensional Biopsychophysics integrates consciousness, ‘dimensionometry’ (multidimensional geometry), and the interface of the biological, psychological and physical. This specialty was needed to fully cover their remarkably innovative multidisciplinary paradigm shift of the ‘*Triadic Dimensional Distinction Vortical Paradigm*’ (TDVP; also called TDDVP). Applying their 9 dimensional finite spin model and combining it with gimmel, even psi phenomena and entanglement become comprehensible and feasible. “*This is even more so when we recognize that our*

whole reality is one, with a finite reality consisting of innumerable quantal, pixilated components embedded within a continuous, unbroken infinite existence that extends eternally in time, is without end in space, and is a repository for consciousness that is forever,” added Dr Neppe.

9. Effectively, the Neppe-Close work goes a long way toward demonstrating that Gould’s ostensibly two diverse ‘non-overlapping magisteria’ of *spirituality and science* appear incorrect: Science and the mystical are actually linked together! This unification is not only reflected in Unified Monism where the philosophical underpinnings are expressed directly from the science of TDVP.

There is a possibly even more cogent argument: After publishing the first edition of the book *Reality Begins with Consciousness*, the two scientists discovered that the axiomatic aspects of TDVP parallel almost exactly the great mystical philosophy of Kabbalah (which emphasizes how Space, Time and Consciousness all exist separately as opposed to being derivative). Dr Neppe amplified: *“Initially, when I heard this, I thought ‘here we’ve spent thousands of hours and it’s all in Kabbalah!’ And then I realized that any fundamental truths have likely endured thousands of years. We consider the foundations of TDVP to be fundamental. Consequently, we would possibly expect that the underlying ideas of TDVP should have been reflected in a mystical philosophy that has endured for millennia. Indeed, the more we look into TDVP, the more we find that many other Kabbalic concepts are linked. But to boot, we’ve discovered that TDVP amplifies the more detailed underpinnings of the Kabbalic philosophy. Remarkably, it’s reciprocal.”*

Ed Close added: *“There is even more. TDVP involves far more than just the unproven mystical, something we would regard as metaphysical. TDVP also appears to incorporate the mathematical and scientific demonstrations of the foundations of reality,”* *“Moreover, the mathematics is an undeniable tied-together integral part of the broader reality of our existence, not just a way of calculating. Language and symbolic logic all go hand in hand together. This is very structure of reality. This is a further reason why we argue that Science and Spirituality are far more unified than we thought.”*

10. Additionally, Vernon Neppe and Edward Close have introduced a new way of evaluating scientific data, namely 'Lower Dimensional Feasibility, Absent Falsification' (LFAF). Neppe explained: *"Ever since Carl Popper, science has revolved around 'falsifiability'. However, we recognize that sometimes we need more than that. We need to examine what is feasible and yet has not been falsified. We need to recognize that feasibility is, indeed, a critical part of science as well."*

Close added: *"Without LFAF, we cannot regard most of the data on evolution as scientific, yet we do; and we are not able to 'prove' much of the practice of Medicine and also the Psychological Sciences. Much of cosmology*

looks at what is feasible but unproven, and of course, all the multidimensional proposals (including our own TDVP) often require proofs that recognize pieces of a jigsaw puzzle that are available to us in 3S-1t, and yet the data extend far beyond that. This is why this LFAF extension of the Philosophy of Science may be critically important to future scientists.” Close excitedly added an aside: *“This is a reflection of Gödel’s incompleteness system— a finite system is never complete. Reality is infinite and any finite model will always have an open end that cannot be proven. LFAF is the recognition of this: We need to look at feasibility even though we cannot falsify it, because it is outside the structure of the system.”*

Neppe and Close emphasize that over this time-period, neither the fundamental nor the demonstrably provable hypotheses of TDVP have been refuted. Even more so, with each passing year, sometimes every week, their model has become stronger. Some, such as Drs David Stewart and Adrian Klein, who know their work better than anyone else, regard TDVP as the single most important paradigm shift this century because it is groundbreaking, extending yet not denying the model of the current standard reductionist physical model:

- Dr David Stewart, PhD, DNM. Physicist, Mathematician: *“I rank Dr. Edward R. Close and Dr. Vernon M. Neppe as peers of the major authors of modern physics and mathematics. I equate them with greats, such as Planck, Einstein, ... Newton.... Their work has clarified, and extended the science and mathematics that these geniuses originated ...I foresee the day when they will both be awarded other honors, such as a Nobel Prize in Physics and (equivalent in) Mathematics.”*
- Dr Adrian Klein, MDD, PhD, PhD, Israeli Dimensional Biopsychophysicist and Consciousness Researcher: *“The 21st Century’s revolutionary paradigm shift”; ... “unprecedented brilliance and potentially limitless scientific and philosophical outreach ...yielding a fresh and accurate understanding of various investigation fields of Nature, and opening ... groundbreaking development perspectives for Sciences (emphatically plural!)”.*
- Dr Alan Huguenot DSc, Physicist and Engineer and ‘Thousander’: *“When taken altogether, the entire work is worthy of several separate Nobel Prizes.”*

Dr. Close with Dr Neppe can be regarded as pioneers of the new interdisciplinary science of ‘*Dimensional Biopsychophysics*’, in which dimensionometry, consciousness and the interface of the biological, psychological and physical are integrated together. This specialty that was needed to fully cover their remarkably innovative multidisciplinary paradigm shift of the Triadic Dimensional Distinction Vortical Paradigm (TDVP; TDDVP). These scientists look forward to furthering their work and facilitating others to incorporate these concepts into their further research. They have never received any funding and

hope this recognition may be an impetus for this to change.

For the present, we can direct readers to www.tdvp.org/. More detail will be found particularly at www.tddvp.com/ plus a link to a special dynamically updated chronological ‘Nutshell monograph’ summarizing the Neppe-Close TDVP contribution:

Neppe VM, Close ER. *A Nutshell Key Perspective on the Neppe-Close ‘Triadic Dimensional Distinction Vortical Paradigm’ (TDVP)*. IQNJ 8:3 7-79, 2016. This is available through www.pni.org/pdf/WhitingNutshell.pdf.

This original Press Release is on <http://www.thethousand.com/about/whiting-memorial-award/2016-dr-vernon-neppe-and-dr-edward-close/>.

It may be slightly update onto a new ISPE beta site. Therefore this version of the Press Release (which could be updated from time to time) appears on <http://www.pni.org/pdf/WhitingPress.pdf>.

Readers might also find the YouTubes on www.vernon.neppe.org/presents.html/ illuminating, plus research pages like www.vernonneppe.org/research.php/ and Dr Edward Close’s blogs on www.erclosetphysics.com.

Even without their common contributions, these scientists have made many very notable contributions to society.

Dr Vernon Neppe:

Based on peer-reviewed publications, presentations, international honors and medicolegal consultations, Prof. Vernon Michael Neppe has achieved an international reputation in numerous and diverse disciplines: For example, these include five fundamental but related medical specialties, namely Neuropsychiatry, Behavioral Neurology, Psychopharmacology, Forensic Psychiatry and Neuropsychiatry, and Psychiatry. In all of these disciplines, he has been listed under (the peer chosen) “America’s Top Doctors. Moreover, he is one of the few to be listed in all sixteen issues of this peer-reviewed book (2001-2016) and is, apparently, the only physician ever listed under any five different subspecialties (Castle Connolly). He practices these disciplines as Director of the Pacific Neuropsychiatric Institute (PNI) in Seattle, WA, USA. The PNI is the first private Neuropsychiatric and Behavioral Neurological clinical, research and educational corporation. Dr Neppe founded the PNI in 1992, as the first private such institute targeted as a model for Neuropsychiatry and Behavioral Neurology in the USA and internationally.

Vernon's other international peer-reviewed recognitions based on publications and also international conference lectures, are as an epileptologist, movement disorder specialist (in tardive syndromes), physician, consciousness researcher, neuroscientist, forensic expert, philosopher (mind-body; and philosopher of science), phenomenologist, creativity and exceptional intelligence specialist, research mythologist, systems theorist, psychologist, author, playwright, and educator. He has returned to the love of his early childhood when he was a documented 'creative prodigy' in mathematics. It was partly through this that Neppe and Close extended their work to the infinite, extending the works of the mathematicians Kurt Gödel and Georg Cantor. Neppe also developed the 'Neppe-Close conjecture' in Number Theory Math. Further, TDVP applications include applying his concepts of the transfinite and of mathematical ordinals.

Prof. Vernon M Neppe's formal letter qualifications are: MD, PhD (Med), FRSSAf, DFAPA, BN&NP —Behavioral Neurology and Neuropsychiatry (UCNS), FFPsych (SA), MMed (Psych), Dip PsychM —Psychiatry And Neurology, MB, BCh, BA, Dipl Amer Board Psychiatry & Neurology — Psychiatry, Geriatric Psychiatry (-2011), Forensic Psychiatry (-2004), Amer Board of Forensic Examiners —DABFE, DABFM, DABPS (Psychopharmacology), FACFE, FAPA, FCPsych, MB, BCh, BA, FRCPC (-2011), LMACFE, FCPsych, MB, BCh, BA, DSPE, DPCP (ECAO). This makes him likely one of the most highly qualified individuals in the world based on postnominals alone.

Dr Neppe was elected a Fellow of the Royal Society of South Africa, apparently being the first physician living in the USA to be so honored. He was also elected a Distinguished Fellow of the American Psychiatric Association. He is also Executive Director and the only 'Distinguished Creative Polymathic Professor' of the Exceptional Creative Achievement Organization (www.ecao.us). This level is based on objective, verifiable, creative scoring accomplishments. He has also been appointed Director of the Human Performance Enhancement Division (HPED) of the World Institute of Scientific Exploration (WISE). Already, in 1982, in South Africa, Vernon received the '*Marius Valkhoff Medal*' for "*exceptional contributions to ... research*", an international award given occasionally (eleven recipients in 30 years).

Prof Neppe has written eleven plus books and published about 700 papers worldwide. He has lectured in a dozen countries, and given 'grand rounds' to about 90% of medical school or affiliates in the United States on dozens of diverse topics. He led the first USA and International Delegation in Neuropsychiatry and Psychopharmacology. He has chaired international symposia on four continents.

Some of his books are available on www.brainvoyage.com. These include his individual favorite *'Cry the Beloved Mind: A Voyage of Hope'* (written for laypersons, colleagues, patients and their families), four books/ e-books on the déjà vu phenomenon, and two specialist books *Innovative Psychopharmacotherapy* and a monograph for attorneys relating to expert medical consultants, and two plays, plus 3 with Dr Close on TDVP. For many years, he also edited a journal listed by Psychinfo, was guest editor of the Journal of Clinical Psychiatry, and he still is on many editorial or advisory boards.

Dr Neppe became the first Director of a Division of Neuropsychiatry in a USA Medical School (University of Washington in 1986) having been recruited specifically from South Africa after a national USA search failed to find a suitable American candidate. Subsequently, since 1992, he continued to maintain his official academic linkages, and has since then retained his Adjunct Full Professor, St. Louis University (now the Department of Neurology and Psychiatry) appointment.

He is also a prominent internationally-known forensic specialist. He was educated predominantly in South Africa at the University of the Witwatersrand, Johannesburg (MB, BCh, DPM, MMed, PhD). He also trained at Cornell University in New York with the first Fellowship involving Neuropsychiatry, Psychopharmacology, Epileptology and Chronobiology: This was during his tenure as the 'Witwatersrand University Overseas Traveling Fellow' generally awarded to one faculty or student per year in the whole University.

His contributions have been prodigious: He has developed 36 scientific copyrighted clinical and research instruments. These include published measures of higher brain function: 'BROCAS SCAN' ('Screening Cerebral Assessment of Neppe'); 'Subtle Organic Brain Inventory of Neppe' (SOBIN); 'The Inventory of Neppe of Symptoms of Epilepsy and the Temporal Lobe' (INSET); a package of 9 neuropsychiatric follow-up monitoring screens (the 'DS-9'); the Headache-Symptoms questionnaire. Also included are specialized tests like the 'Neppe Narcolepsy Questionnaire (NNQ), and the 'STRAW' for movement disorders, and the 'SONAR', a daily symptom comparison. Another evaluation that is frequently useful is the 'PESS'—the PNI Evaluation of Sexual Symptoms. These seventeen neuropsychiatric evaluations are used routinely at the PNI (when appropriate). Dr Neppe has also modified and developed several clusters of tests for baseline and if need follow-up evaluation, including screens for attentional disorders, for bipolar illness.

Dr Neppe was recognized in the disciplines of Psychopharmacology and Neuropharmacology by his autobiographical contributions being published by the leading Neuropharmacology group in the world, the CINP, as “one of the *Leading Psychopharmacologists of the Twentieth Century*”. Two aspects were particularly highlighted: Dr Neppe developed the most successful treatment for the previously incurable condition of tardive dyskinesia (high dose buspirone 1989, latest tardive dyskinesia work 2016). Moreover, along with two others, he pioneered the use of anticonvulsants in psychiatry (Carbamazepine): This has positively impacted the lives of millions of patients and their families.

He also has pioneered numerous pharmacological, clinical, and classification areas. He also published classifications of Epilepsy and Psychiatry, and of Head Injuries. He, also, is the world’s leading expert on the déjà vu phenomenon, and has written four books in that area alone. He has described several new medical conditions including the various *Paroxysmal Neurobehavioral Disorders*, and developed tens of new medical, psychological, consciousness and now dimensional biopsychophysics terms. He also invented two new literary forms: the literary genre of ‘*sciction*’ and the writing form called the ‘*conversagraph*’. He has pioneered many aspects of Consciousness Research and Phenomenology.

His websites are:

Pacific Neuropsychiatric Institute, Seattle, WA, USA (www.pni.org/);

The Vernon Neppe Gateway (www.VernonNeppe.org/);

Vernon Neppe Research Site (www.VernonNeppe.com/);

Vernon Neppe’s books (www.brainvoyage.com/), plus links with the Exceptional Creative Achievement Organization (www.ecao.us/) and the HPED

<http://instituteforscientificexploration.org/human-performance-enhancement-division/>.

Dr Edward Close

Dr Edward Roy Close, PhD, PE, DSPE, DCF (ECAO) is also extraordinarily accomplished in his own right. Based on his contributions, publications and books, and presentations, he is an internationally accomplished Physicist, Mathematician, Cosmologist, Environmental Engineer and Planner, and Consultant. As a charter member of the U.S.G.S. Systems Analysis Group, Close developed state-of-the-art mathematical optimization programs, hierarchical modeling techniques and fractal geometry models of coastal geomorphology, storm cell development and other environmental modeling applications. Pursuing an active research program in environmental remediation, Ed has made a series of breakthrough discoveries in using non-toxic compounds in mold research that have benefited millions. His

book *Nature's Mold Rx* is a classic. He was a Charter Member of the extant internationally known 'Integrated Health-Care Professionals Council'. He also has significant expertise in the essential oils.

Besides his three books with Dr Neppe and several more in press, he has authored numerous technical papers and five books, including the groundbreaking '*Transcendental Physics: Integrating the Search for Truth*'. He has made some remarkable mathematical contributions: He pioneered and developed the 'calculus of distinctions' (later on with a small assist from Dr Neppe), an extraordinary accomplishment. And his earlier book, '*Infinite Continuity*' is a remarkable stepping-stone for the Neppe-Close TDVP.

In 1965, Close described the first (later) published proof (FLT65) for possibly the most famous math conjecture, 'Fermat's Last Theorem' (FLT). The FLT solution befuddled thousands of mathematicians who tried to solve it over three and a half centuries. Dr Close's solution has, through 2016, been examined by tens of professional mathematicians including intensively over the past three years, and yet has never been refuted. Some of these experts have made suggestions or queried areas, but in every instance, further analyses by mathematicians have demonstrated the ostensible criticisms to be irrelevant to the FLT proof, or incorrect. The Close solution (FLT65), was published initially as an Appendix to Close's *Book of Atma* in 1977, but remarkably, is only several pages. That contrasts with Sir Andrew Wiles's later accepted 1994 proof of over 150 pages.

Dr Close also developed a technique called 'Dimensional Extrapolation', allowing for movements across dimensions, something extremely important for TDVP's 9-dimensional derivations. He has also developed several new theorems of consciousness, concentrating on Number Theory and contributed important engineering applications. It was he who first demonstrated that the little known Cabibbo Angle could be derived from 9 dimensions. There are now several demonstrations of the 9-dimensional proof of our finite reality. Edward Close is described by Vernon Neppe as "*the most creative mathematician alive*"

Dr. Close is Principal Engineer and Director of Research and Development at EJC Advantage, LLC. He is currently Science Editor of Telicom, the journal of the International Society for Philosophical Enquiry (ISPE) (www.thethousand.com) (a position previously occupied by Dr Neppe). He is also a Distinguished Research Fellow of the Exceptional Creative Achievement Organization (5eca.com). His doctoral education included graduate work at several universities, including one year in residence at Johns Hopkins University.

See www.erclosetphysics.com/ .

Immediate Future

Drs. Neppe and Close or Drs. Close and Neppe are currently working on (at this point) 9 full-length (150-250 page) new books for colleagues. All titles begin ‘*Beyond Our... Exploring Reality Science Series*’. Each ‘beyond our’ continues with *words beginning with P*:

- *1 Perspective,*
- *2 Physical,*
- *3 Puzzles,*
- *4 Paradigmatic Consciousness,*
- *5 Psychological,*
- *6 Psi Experiences and Infinity,*
- *7 Philosophy,*
- *8 Proven Assumptions,*
- *9 Present Paradigms.*

Drs. Neppe and Close are also writing for the layperson in another series of much shorter books: At this point, there are, at least, 5 such short books in process, all subtitled “*Answers That Make Sense*”. namely:

- *Solved! ;*
- *The God Matrix;*
- *Spirituality and science;*
- *Solutions to great mysteries;*
- *Turning science on its nose.*

These first editions for colleagues and laypersons will also be published through Brainvoyage.com in Seattle with a 2017 printing date.