

Attention Members!

Personal Numbers and Office Procedures

Please help your administration office to run smoothly and so help you efficiently:

- when your details change (address, telephone number, email address etc.) please make sure we know
- use your membership number whenever you contact us, and write it onto all correspondence, conference booking slips, subscription forms, bankers order forms and orders for books, services etc.
- book early for conferences - it helps you get a place, and us get the tickets to you in good time
- ensure cheques are made out correctly to Scientific & Medical Network; for conferences and orders: always add (legibly!) details of what it's for and membership number on back, even when accompanied by a booking form
- remember we're a network, and it often takes time for all relevant people to be contacted so when making requests give us time to respond helpfully (and always remember to tell us who you are - we sometimes get forms back with no name at all!)
- help us save money; whenever possible pay in £ sterling and use bankers orders and gift aid for your subscriptions - it maximises funds available for more important things

Office hours are 9am – 5pm Monday – Friday and there is normally someone to answer the telephone between those hours, with an ansaphone otherwise.

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Network Manager: Charla Devereux

NETWORK NEWS

APPOINTMENT OF DIRECTORS, 2011

The Directors wish to bring the Articles of Association of the Company on the number of Directors and the quorum required for Board meetings into line with current practice and therefore at the Ninth Annual General Meeting, to be held at New Place, Shirrell Heath, Southampton, Hampshire, SO32 2JH on Sunday 10th July 2011 at 12-30 p.m., it will be proposed that the following resolution be approved as a Special Resolution:-

Amendment of Articles of Association

It is resolved that the Articles of Association be amended:-

- (1) by deleting in Article 27.1. (a) the words 'not less than six and no more than nine persons elected by the members of the Company' and substituting therefor the words 'not less than five and no more than eight persons elected by the members of the Company';
- (2) by deleting in Article 27. 1. (c) the words 'not more than three additional Directors co-opted at any time by the Board of Directors' and substituting therefor the words 'not more than two additional Directors co-opted at any time by the Board of Directors' and
- (3) by deleting in Articles 34 the words 'Unless otherwise agreed in General Meeting, the quorum necessary for business to be done at a meeting of the Board of Directors shall be six' and substituting therefore the words 'Unless otherwise agreed in General Meeting, the quorum necessary for business to be done at a meeting of the Board of Directors shall be half of the number of directors actually holding office (fractions rounded down) plus one.'

If this resolution is agreed, the Board of Directors will consist of up to 10 directors, up to 8 of whom are appointed by the members at the AGM. Up to 2 more may be co-opted by the Board itself. Each year the one third of the member appointed directors, who have served the longest, retire by rotation and all the co-opted members. They are, if they wish, eligible for re-election or co-option. The members retiring by rotation at the AGM in 2011 are **Professor Bernard Carr** (Chair), **Dr. Christopher Lyons** (Treasurer) and **Mr. Martin Redfern. Dr. Ioannis Syrigos**, who has been co-opted since the last AGM, also retires under the Articles. All are eligible for re-election or co-option and all have indicated their wish to continue. The remaining Directors are **Ms. Jacqueline Nielsen** (re-elected 2009), **Dr. Amit Biswas** (2010), **Professor Marilyn Monk** (2010) and **Mrs. Claudia Nielsen** (2010)

There will be, therefore, four vacancies to be filled at the AGM in 2011. Members who wish to be considered for these vacancies are requested to apply by the end of May, 2011 by sending their C.V. and a short note on how they see themselves contributing to the aims of the Network. This will enable the Board to consider how they would match the tasks to be performed and, where appropriate, make recommendations to the members. If there are more applicants than vacancies, a vote will be taken at the Network AGM in July. The members of the company will follow the recommendations of the Network AGM, unless there is good reason not to do so. Applications should be sent to The Secretary, Scientific and Medical Network, P.O. Box 11, Moreton-in-Marsh, Glos: GL 56 0ZF.

NEW MEMBERS SINCE DECEMBER

Surname	First Name	Location
Alington	Elisabeth	New Zealand
Allan	Jon	Ireland
Bayliss	Philip	UK
Bircher	Johannes	Switzerland
Blacklaw-Jones	Richard	UK
Block	Isabella	UK
Bowkett	Ewart	UK
Boyd-Williams	Janice	UK
Bright	Richard	UK
Casanas-Cruz	Vivian	Puerto Rico
Cinnamond	Stephen	UK
Clay	Ralph	UK
Coleman	Timothy	UK
Corell	Gunilla	Sweden
Crook	John	UK
Daniel	Rosy	UK
Davies	Richard	UK
De Bayer	Caroline	UK
Dollar	Edward	USA
Duffy-Cross	Valerie	UK
Finklaire	Bridget	UK
Gerard	Stanley	UK
Gibson	Patricia	UK
Giffard	David	Australia
Godber	Wendy	UK
Goswell	Lyn	UK
Hamilton	Dawn	UK
Harpaz	Omer	UK
Helfrich	Paul M	USA
Helfrich	Mrs	USA
Ireton	Trevor	Australia
Kazemian	Haleh	UK
Little	Rosaleen	UK

Livesey	Paule Andrea	UK
Lopez III	Francisco	USA
Macintyre	Mary	UK
McCallum	James	UK
Nath	Mahendra	UK
Neilson	Peter	UK
Olsen	Tracey Anne	UK
O'Riordan	Mary	Ireland
Prouvost	Barbara	France
Roark	Rick	USA
Robinson	Andrew	UK
Shah	Ali Akhtar	UK
Sica	Giulio	UK
Sieroda	Helen	UK
Sordyl	Andrew	UK
Stephenson	Jane	Ireland
Stevenson	Ian	UK
Stiles	Paul	UK
Tiberghien	Monique	Belgium
Wackerbarth	Diana	UK
Wahl	Saphira	Norway
Warnstrom	Ingemar	Sweden
Weight Reed	Janet	UK
Woodward	April	UK
Wylie	Adonia	New Zealand

LOCAL GROUP NEWS

Friends of the Scientific and Medical Network

LEO HOBBS

The Friends of the Scientific and Medical Network, which had been meeting in Auckland since 1996, has now been formally wound up. Our meetings were no longer well-attended and it had become increasingly difficult to persuade members to serve on our Steering Committee. During 2010 we held no regular meetings but we did organise a successful one-day conference in conjunction with the Auckland Central Group of the Sea of Faith Network; the conference theme was *Engaging with the Sacred—What does this mean in today's world?*

Members of the 2009 committee continued in office during 2010 but the committee was unable to suggest a viable model for the FSMN as an ongoing institution. Much had changed since we first started meeting some 14 years ago. In particular, internet communication had burgeoned in a way that allowed people enormously to explore and expand their interests. The initial enthusiasm of members waned as many moved on to follow their interests in new groupings. The serving committee members were most reluctant to continue and there seemed little prospect of a suitably fresh committee being elected. The Committee therefore proposed to the Annual General meeting last November that the FSMN be formally wound up. The process had to be a formal one since we had a written constitution as a registered NZ Charitable Entity.

The AGM passed the resolution to wind up and the formal process has been completed. Former members may still meet occasionally on an ad-hoc basis.

SMN Sydney JO DE GROOT

Report of Meeting 30th January 2011

An exciting afternoon was had at the home of David and Jean Ingman in Killarney Heights, Sydney. A number of new friends joined us for a wonderfully erudite talk with discussion by **Edi Bilimoria**, education officer with the Theosophical Society of Australia, on the topic 'OKAY, I'M DEAD – NOW WHERE DO I LIVE? WHAT'S MY POSTCODE?' Edi had been active in England lecturing for the SMN as well as the Theosophical Society and his talk reflected his broad background of knowledge as an engineer, with a love of music and the esoteric writings.

Edi began by explaining the similarities between the Theosophical Society and the Scientific and Medical Network. In both organisations the highest goal to be pursued is truth. Both encourage the pursuit of wisdom and insight through open-minded and rigorous thinking, and no member or visitor is forced in any way to accept or reject a proposed thought. The concept of truth was likened to a see-saw where on the downward side there was the scientific endeavour (close to the earth) and on the upward side, the perennial wisdom (up in the clouds). We needed to be centred in the fulcrum, making use of logic and empiricism on the downside and intuition and insight on the upside.

Edi took us through the view of the materialist scientists such as Crick, Dawkins, Wolpert, Greenfield and Maddox that on death the brain and therefore the epiphenomenon of consciousness dies. He then dealt with the viewpoint of the Mystic and the Enlightened Scientific Worldview, such as Vedanta, Taoism, Hermeticism, Einstein, Heisenberg, Pauli, Schrodinger, Eddington, Stewart, Josephson and Sherrington, which teaches that on death the consciousness does not die. In this way he led us to the conclusion that death is a transition. He spoke of a stream of water in which there are vortexes. Our lives are the vortexes, they come and go in the great stream of consciousness.

Ervin Laszlo has given plenty of evidence of consciousness which proceeds beyond the brain and Edi commented that the phenomenon of an Immortal Soul is no longer inconsistent with what we know from science about consciousness. Notions about individual responsibility during our life journey were voiced as there is such absolute uniqueness and individuality found in all creatures, and for our purposes, in human beings. The idea of resonance was brought up in connection to consciousness, for example, the Sufi teaching of a resonance between two souls. Almost every musician is drawn to one or other of the great composers. Edi ended with the question of why there is resonance in the first instance. It was realized that we are all linked with everyone else much as the vortexes in the stream are all still part of the stream.

There was a great atmosphere of sharing and interest in people's own endeavours during refreshments and some new offers from members and guests to give input at future meetings. A full report is available on the Sydney SMN web site, www.smnsydney.org

Report of Meeting 1st March 2011

It was indeed a privilege to be gathered once more at our hosts' residence, David and Jean Ingman, in northern Sydney's Killarney Heights for a presentation by SMN's Programme Director, **David Lorimer**, during his Australian tour for the Theosophical Society. The topic chosen was 'Knowing We Will Die – How Should We Live?' A report of the talk follows by **Jean Ingman**.

David started his talk by telling us the inscription on the tomb of one of his ancestors which was 'I have seen the works of the Lord, now it is your turn to behold them and rejoice.' David said he would like 'Philosopher' on his tombstone. This led into the realisation that life is precious and existence a privilege. For David the wake-up call about the seriousness of a personal search for the meaning of life came in his twenties. He read widely, particularly Emanuel Swedenborg, the mystic and scientist.

David talked about two books he had written, the first, 'Survival', was regarding the history of mind, body and death and what the traditional cultures say about these. He said that evidence depends on what prior experience we have had. There are two notions of evidence, scientific and legal. He then discussed Out of Body Experiences and how they have been established beyond doubt. In addition, he talked about Near Death Experiences and the number of case histories which support the survival of death.

His second book was 'Whole in One' in 1990, in which he talks about two elements of NDEs, namely the Life Review and Cosmic Consciousness. There are many examples of life reviews from NDEs, both post-mortem and from the Sages. The evidence shows there are two levels of life review – the first being Panoramic Memory consisting of a flash back with pictures or holograms but no emotion. The second includes the deeper aspects of emotion especially with regards to how the emotions and experiences of



others are affected. David said every event in life has as many aspects as the number of people experiencing it.

David talked about empathetic resonance and how people pick up things about others when they are physically at great distances. He said that consciousness is non-local and mentioned one example of empathetic resonance in psychometry.

The Life Review we experience in death, David explained, shows how what we do affects others and also has secondary effects both positive and negative. The Life Review is an actualisation of the Golden Rule – What we do to one another we do to ourselves. David talked about Peter Deunov, a Bulgarian spiritual teacher and musician who emphasised the importance of Love, Wisdom and Truth, as also Swedenborg who also taught about Love and Wisdom. David said NDEs and Life Reviews are wake-up calls to unconditional love and wisdom.

David then opened the meeting to questions and a lively discussion ensued. Jo thanked David for his enlightening and no doubt sobering talk and reminded people that the new website for the Sydney group was now accessible at <www.smnsydney.org> and that the next meeting is on 12th June with Lloyd Fell as the speaker. The meeting ended with further conversation over supper.

London Group

CLAUDIA NIELSEN

Mid-Winter/Christmas celebration

Winter Solstice, a Dark Night of the Soul

On a cold and dark evening in December by the fire, Katriona Munthe invited us to reflect on the life of John of the Cross and his *Dark Night of the Soul*. We then celebrated the occasion with mulled wine and seasonal food.

January: At the first meeting of 2011 **Keiron Le Grice** talked about his book *The Archetypal Cosmos: Rediscovering the Gods in Myth, Science and Astrology*. Keiron is adjunct Professor in the Philosophy, Cosmology and Consciousness programme at the California Institute of Integral Studies (CIIS) and is also the founding co-editor of *Archai: The Journal of Archetypal Cosmology*. The new discipline of Archetypal Cosmology uses the archetypal attributes of the 10 planets in astrology to create a framework by which to understand the events that shape us and the world around us, within the micro and the macro picture. His work is inspired by the writings of CG Jung, Grof, Hillman and Joseph Campbell and from a scientific perspective by the work of Rupert Sheldrake, Fritjof Capra, Teilhard de Chardin, Brian Swimme and David Bohm.

The book came out of his own need to understand his worldview and his work resonates strongly with that of R. Tarnas who is a colleague at the Institute. In his book Keiron looks at the human need for meaning and the role of myths in this regard. He quotes Campbell who examined both oriental and occidental myths and describes how they gave rise to meaning in the various cultures. In the West when Nietzsche declared God was dead he was communicating his experience of the prevalent demise of meaning. Shortly after however Jung gave the world the gift of his insights, including that of archetypes and individuation helping us again to reconnect with meaning. Archetypes inform nature as well as psyche and if we consider that the Cosmos is the materiality of Psyche and Psyche the interiority of the Cosmos we see that inner and outer are subject to the influences of archetypes. And that is Keiron's message. The ten planets are singular in their archetypal meaning and Keiron proposes that personal as well as world and even cosmic events are influenced by these archetypes and their astrological configurations. This perspective imputes meaning to the Cosmos. Using the same archetypal attributes used in personal astrology, Archetypal Cosmology is concerned with the *Anima Mundi*, the interiority of the Universe.

In February **Prof Bernard Carr**, Chair of the SMN, gave a presentation which attracted a record audience! People were sitting on the stairs to listen to his talk on *The Riddle of Time and New Dimensions of Reality*. Bernard is Professor of Mathematics and Astronomy at Queen Mary, University of London and has a deep interest in consciousness. He brings together his professional and personal interests by aiming to extend physics to incorporate consciousness and associated mental, psychical and spiritual phenomena. Bernard started by stating that only recently has consciousness become respectable within physics yet a brief examination of quantum theory, the anthropic principle, paranormal phenomena or the flow of time shows that mind is not incidental, but fundamental to understanding the nature of the universe in which we live. To show the interconnection between mind and physical reality,

he took us on an interesting tour around certain fundamental principles relating to space and to time.

Starting with space, we heard the history behind the suggestions of additional dimensions to the three (length, width and height) we are familiar with, proposed by various philosophers and scientists over the years. First four (spacetime), then six (superstrings), finally the 11 dimensions of current M-theory and we can of course not rule out the addition of more in the future. Against the background of these dimensions, can psi phenomena be explained as an interplay between mind and other dimensions? If we assume these are non-physical spaces (as is the space in which we experience dreams, memory, or visualisation for instance) could a super-position of physical and non-physical spaces explain paranormal phenomena such as apparitions, ghosts, OBEs etc? To complete the picture Bernard addressed the riddle of time for which we need to know about specious time. This is the unit of time necessary for our consciousness to make sense of what we apprehend, in other words, the time duration necessary to apprehend the present moment. Specious time can vary in our own human experience, for instance in mystical experiences or in an accident, perception of time slows down sometimes almost to a standstill whereas when we have a fever or in an NDE life review it speeds up.

It is reasonable to suppose that specious time is different throughout the universe, where a whole hierarchy of consciousness may exist, however human consciousness is limited to what we can perceive in our – human – specious time. The understanding of potential existence of other dimensions and specious time together with the limitations of our consciousness to apprehend both space and time opens up a whole range of possibilities to explain that for which we currently don't have an explanation and therefore label 'paranormal'.

In March **Dr. Peter Bowman**, Science Coordinator for the University Preparatory Certificate at the Language Centre of UCL, and an enthusiastic student of Vedanta philosophy gave a very interesting talk on a side of Erwin Schrödinger (1887-1960) 1933 Nobel Prize winner in physics, little known to some of us. He entitled the talk *Erwin Schrödinger and the Biological Basis of Consciousness* and started by pointing to a survey in 2005 commissioned by the journal *Science*, which tried to identify the top 125 questions in science. Top of the poll was 'what is the universe made of?' and second came 'what is the biological basis of consciousness?' Looking at the latter through the lens of Schrödinger's ideas was the essence of this talk. Peter started by telling us that Schrödinger, had a deep understanding that materialist explanation go only part of the way to explain Reality and he set himself the task of resurrecting metaphysics. He wanted to engage in philosophical wonder, the wonder and astonishment at the way things are ordinarily. As well as Kant and Schopenhauer, Schrödinger studied Vedanta and this philosophy became the lens through which he understood the world. He had a profound sense that our consciousness is the singular manifestation of the oneness of Mind, best understood in the idea that Atman is Brahman.

Schrödinger, a brilliant scientist used physics and chemistry amongst others to study biology at a time in which genes were known biologically but scientists did not know how it works. He foresaw DNA and set the agenda for the understanding of genetics. But ultimately the question remained – if everything can be explained through physics and chemistry, what does that make me? Something is being left out. I must be more than just physical elements and chemical reactions! Perhaps I am a unique collection of sensory experiences and memories, or the background or canvas on which they are collected. Are they personal or universal? He felt they must be universal, an idea which echoes the Christian belief – I am one with God, or in Hinduism Aham Brahmasmi – I am Brahman. But mainstream science is resistant to the top down approach to consciousness, preferring the bottom up, which explains consciousness as an epi-phenomenon of brain. Why is that? Schrödinger sought the answer to this question in Greek thought which proposes that the world can indeed be understood (rather than it being a mystery) and that the world is outer and objective.

The Greeks did not consider the inner world, they focused on the content of awareness rather than awareness itself which is where it differs from the Vedanta approach. Shankara, the Hindu philosopher wrote a commentary on the Brahma Sutra, the culmination of Vedanta knowledge, and Schrödinger may have come across the recent translation by Max Muller. This text clarifies the difference between **I** and the **not I**, the cause of much confusion. The **I**, is the observer, awareness, the subject and the **'not I'** - that which is being observed, the content of awareness, the object. The subject of science is the Witness, everything else is object. Consciousness is

therefore the I, the subject, which cannot be the object of science. Science can therefore not examine consciousness because consciousness is the subject. The question therefore – *what is the biological basis for consciousness*, is clearly put on its head!

North Wales Group

BUTT, KEITH BEASLEY

The Network in North Wales is represented by BUTT: *Bangor University Transcending Thought*, established as an interdisciplinary research group within the university's postgraduate Research Students' Forum (RSF). Activities of the group emphasize the experiential as an essential part of learning & growth and enable the exchange of ideas and experiences related to difference mode and levels of consciousness. Topics to be explored are likely to include, but not be restricted to:

- Transcendent experiences (otherwise known as religious, spiritual, psychic or mystical experiences)
- Evolution of consciousness
- Plant and animal consciousness
- Happiness, wellbeing and holistic health
- Integral theory (after Ken Wilber)

Meetings in 2010 included 'The Experience of Mandalas' and 'Which came first: physics or metaphysics?'

BUTT's co-ordinator is Keith Beasley, School of Music, Bangor University, k.beasley@bangor.ac.uk, tel: 01248 751047.

Nick Clements

Held on 20th and 21st January, Bangor University's Cross-Disciplinary 2011 Postgraduate Conference *Beyond Boundaries*, had as its theme *Transition*. A BUTT event provided the evening's experience:

A 'wine and nibbles' social transitioning into a masterful performance by Professor Nick Clements on the theme: 2012, *The confluence of two rivers; Shamanism and Science*. Nick's presentation reflected his personal irrepressible attitude to life, of giving and learning, helping and showing, leading and integrating and making it serious and fun. His own life story of transition and change might make a good film; his work on different 'rites of passage' in the transition from youth to adulthood for young men in disrupted circumstances has undoubtedly saved many from a life on the very margins of society and helped other attain a fulfilling and productive life.

On Saturday 14th May, Nick returns to Bangor to run, with Vanessa Volpe, a one day BUTT workshop which will be a mix of creativity, play and intuitive group work. *The Individual and the Community* provides an opportunity to 'Experience the individual within community, and the community within the individual'. The workshops runs from 10am till 4pm in Room G1 of the Main Arts Building, Bangor University. Tickets cost £20 (with concessions). Please reserve with a £10 deposit by calling Gwilym Morus on 0776 583 3954; e-mail: info@caneuon.com.

Oxford Group

PAUL and CHARLA DEVEREUX

January 25th 2011 saw the second gathering of the newly-minted Oxford Local Group. Like the first, it was well attended, with 26 people turning up at our room in the Mitre, close by the Carfax, this time to hear a presentation by **Andrew Powell**. Andrew will be known to many SMN members, having been a council member of the Network. He has had an impressive career in psychotherapy, having served at the Maudsley and St. George's hospitals in London, and in the NHS in Oxford until 2000. He has a long-standing interest in the influence of spiritual dynamics on physical and psychological well-being and is Founding Chair of the Spirituality and Psychiatry Special Interest Group (SPSIG) of the Royal College of Psychiatrists. Information on Andrew's publications can be found on SPSIG's website archive at www.rcpsych.ac.uk/spirit.

Andrew gave an exciting powerpoint presentation on 'Furthering the Spiritual Dimension of Psychiatry' in his trademark calm and clear manner that riveted the audience. He commenced by making important distinctions between religion and spirituality (which many people often fail to make). He pointed out that religion is an organised system of beliefs and rituals while spirituality is the personal dimension of the quest for higher understanding that 'may (or may not) lead to or arise from the development of religious rituals'. He then went on to define health as 'a state of complete physical, mental and social well-being, not merely the absence of disease', remarking that the usual idea of health as entertained by medical professionals is a somewhat reductionist, mechanistic one, focusing on medicines and surgery and considering patients simply

as material bodies. He opined that this was unsatisfactory, saying that elements such as faith, hope and compassion were also necessary to the healing process.

Andrew reviewed early traditions of healing, ranging from shamanism to Eastern metaphysics and the metaphysical beliefs of Western Antiquity before going on to show how the 18th-century scientific Enlightenment ushered in reductionist approaches that have inevitably affected the practice of medicine as well, including the treatment of mental illness, which formed the main part of Andrew's presentation. He gave a thoroughgoing account of the history and development of the treatment of the mentally ill, too detailed to even adequately summarise here, showing it had been affected by the attitudes of the Christian Church, and how there had been some early periods of humanitarian treatment punctuating less kindly approaches. He described the establishment of psychiatry and the medicalisation of mental illness.

Finally, he stated that we were in the midst of a 'spiritual emergency' with burgeoning mental health problems and argued that a more positive correlation between spirituality and mental health was needed, outlining the work and objectives of the SPSIG. Going forward, he said that we needed to alert clinicians to the profound shifts going on in within science, such as in quantum physics, cosmology, and so forth, and that there was need for more research into the effectiveness of psycho-spiritual therapy. He was at pains to point out, though, that it was not an 'either/or' situation, and that physical treatments for mental illness, if appropriately delivered, were still necessary, especially in severe cases.

The presentation generated a lively Q&A session.

SMN Yorkshire

MAX PAYNE

In '*A Bridge to Spirituality*' **Jim Lyons** suggested that number theory and dowsing made a bridge between spirit and matter. The dowsing of all kinds of different structures, both artificial and natural, reveal systematic patterns that can be analysed mathematically. Underground water, cathedrals, ley lines, and neolithic stone circles all reveal fundamental patterns of energy that are often nested one inside the other like Russian dolls. This pattern is the toroidal wave. Its rotation gives the sphere, and group number theory can suggest that the pattern of sub atomic energy fits into the same scheme. The 1/3rd charge of the quark and the Fine Structure Constant all fit into this scheme.

Matter can be understood as curled up space, and thus the energies of matter appear to fit into a harmonic pattern which recalls a Pythagorean vision of harmony. Dowsing can have an interface with science. Dowsers can detect variations in the earth's electrical field which then can be checked electronically, but dowsers use their minds to dowse. How is that neolithic people constructed their henges with such abstruse mathematical precision? It must have been that they saw the energies they were tapping. This is a power of vision largely lost by modern man. Science, spirituality and religion are usually seen to be in conflict. This new interpretation of energy structures takes the issue of mind and matter from a new perspective and suggests a solution to old conflicts.

After lunch **Morgan Barke** gave a talk on '*Multidimensional Listening and the High End of Hi Fi*'. Starting from the technological and financial complexities of modern state of the art Hi Fi equipment, he went on to explain that it produced sounds which were beyond the range of normal human hearing: sub-sonic below the normal threshold, and hyper-sonic above. Strangely hyper-sonic sound is registered though it is not heard. The question is how? Experiments show that such awareness does not come through the ears, and if registered, hyper-sonic sound may be working through the sub-conscious mind. Furthermore the degree of conscious attention nevertheless increases the perception of the signal conveyed by hyper-sonic sound.

This raises the whole issue of the relation between the mind and digital electronic systems. The Princeton University (PEAR) experiments showed that conscious choices can effect random number generators., irrespective of time & space. If so, mind has access to quantum space, which is something beyond every day space and time. This may explain the ecstatic state of mind attained when the listener is totally lost in the music and feels that he is the music. This may be psychic space in which musical composition occurs.

Cambridge

PROF MICHAEL LANGFORD

The new secretary of the Cambridge group is Michael Langford (emeritus professor of philosophy and of medical ethics, the Memorial University of Newfoundland, Canada) but the meetings

continue to be held at the home of Hazel Guest. The last meeting was held on March 9, when **Dr Steve Minett** continued his review of recent theories of consciousness, followed by a discussion. The next meeting is planned for May 11, at 7.45 p.m., when Steve will conclude his review of recent theories.

Edinburgh Group

The Edinburgh and environs local group of the SMN held its first meeting for some time on Wednesday, 13 April. **Dr. Sheila Gibson** gave a stimulating talk on *Complementary Medicine in Crisis?*, but convinced us that the situation was more accurately *Complementary Medicine under attack, and Medicine in Crisis*. A lively discussion followed. It was attended by 10 participants. Further meetings are planned and Scottish Members will be notified.

MEMBERS' ARTICLES AND ARTICLES OF INTEREST

SCIENCE

Commentary on Developmental Optimization by Darcia Narvaez and Tracy Gleason

David Loye author *Darwin's Lost Theory* (4 pp.)

Darwin would have been delighted with this splendid update for the work of so many of his aspirational offspring. Through intensive work over a decade I've found that if we look carefully into what Darwin (1874, 1879, second edition) actually wrote in many long ignored pages in *The Descent of Man*, we can see the original spark of observation or insight later to gain expansion and definition in the work of others.

Is Einstein Still Misunderstood?

Srečko Sorli (4 pp.)

Today's physics understands space and time as being coupled in 'space-time'; a fundamental arena in which universe takes place. Einstein himself has never considered time as being part of space; he was talking about a 'four-dimensional continuum' in which physical events occur.

Semantics Analysis of Terms: Space, Time and Space-time

Amrit Srečko Sorli (4 pp.)

In physics term 'space' is well defined. With 'space' we mean a medium in which material objects exist from the galaxy to the photon. Term 'space' is a meaningful term in sense that it corresponds to the concrete observable thing in a physical world. Term 'time' is not well defined yet. For Newton time is running independently with the same speed in the whole universe. Newton did not define exactly what time is.

Space in Form – Fungi Show the Inclusional Path of Natural Sustainability

Alan Rayner (24 pp.)

The inclusion of space in form brings varying degrees of 'fuzziness' and 'fluidity' to all natural identities. It is vital to evolutionary creativity from sub-atomic to cosmic scales of natural energy flow. By contrast, the vain attempt to cut space by hard-line definition has underlain what have been called 'the crippling mutilations of the objectivist framework' that have dominated abstract human thought for millennia.

Whatever Happened to Organic Selectionists?

R.I. Vane-Wright (4 pp.)

A reconsideration of the work of James Mark Baldwin a hundred years on.

Sustainable Energy-Efficient Wireless Applications Using Light

Mohsen Kavehrad, Pennsylvania State University (8 pp., from *IEEE Communications Magazine*, December 2010)

MEDICINE-HEALTH

The Damaging Effects of Electropollution - Regulators Ignore Health Impact as EMF Radiation Invades Canada

Helke Ferrie (8 pp., from *Vitality*, April 2011)

Report on 7th International Conference on Geriatric Care

Dr. Raghunandan Lal (3 pp.)

PHILOSOPHY-RELIGION

Big Society, Small World

A thoughtful lecture by **Rowan Williams** (12 pp.)

The Lost Dimension in Religion

Paul Tillich (6 pp. from the *Saturday Review*)

Thus we always go back to One – metaphysical reflections

David Roef (4pp.)

2011: A Brave New Dystopia – musings on Huxley and Orwell

Chris Hedges (4 pp.)

Reality - An examination of the way that reality drives our perception

David Warren-Smith (8 pp.)

Life presents reality to us in such a way that we are generally quite certain that we understand what reality is whilst we go about our daily existence. However, on careful consideration it appears that some aspects of reality, as they present themselves to our perception, are not quite what they seem.

Lives of Meaning: Organismal Intelligence and the Origin of Design in Nature

R.I. Vane-Wright (27 pp.)

Despite a Christian upbringing, I am not a person of faith. I am an agnostic: I do not think science (or any other discipline) is capable of proving or disproving either the existence, or the non-existence of God. God, if 'it' does exist, is ineffable, knowable only through personal conviction. I therefore disagree with fellow scientists when they suggest human logic will eventually reveal some materially-based answer to everything.

PSYCHOLOGY-CONSCIOUSNESS STUDIES

Fears of Compassion: Development of three self-report measures

Paul Gilbert, Kirsten McEwan, Marcela Matos and Amanda Rivis (17 pp., from *Psychology and Psychotherapy: Theory, Research and Practice* (2010),

There is increasing evidence that helping people develop compassion for themselves and others has powerful impacts on negative affect and promotes positive affect. However, clinical observations suggest that some individuals, particularly those high in self-criticism, can find self-compassion and receiving compassion difficult and can be fearful of it. This study therefore developed measures of fear of: compassion for others, compassion from others, and compassion for self. We also explored the relationship of these fears with established compassion for self and compassion for others.

Editorial from *Explore*, May 2011 – Why are Scientists afraid of Daryl Bem? – Larry Dossey (13 pp.)

Readers may be aware of the huge furore following Daryl Bem's publication of his experiments on presentiment in a prestigious peer-reviewed journal. A classic analysis of the hysterical sceptical reaction to data they can't accommodate.

GENERAL

World Transits 2000–2020 - An Overview

Richard Tarnas (66 pp.)

There are few frames of reference more illuminating of individual and collective archetypal dynamics and psychological conditions than an archetypally informed knowledge of current planetary positions. In the following pages I would like to set out an overview of the major world transits of the outer planets that I believe are most relevant for understanding our current historical moment.

Obama Ignores Eisenhower's Warning, (3 pp.)

On January 17, 1961, President Dwight D. Eisenhower issued his prophetic warning about the military-industrial complex, anticipating the increased political, economic, military and even cultural influence of the Pentagon and its allies. Several weeks earlier, he had privately told his senior advisers in the Oval Office, 'God help this country when someone sits in this chair who doesn't know the military as well as I do.'

Why Military Spending is Untouchable - A Cow Most Sacred **Andrew Bacevich (7 pp.)**

In defence circles, 'cutting' the Pentagon budget has once again become a topic of conversation. Americans should not confuse that talk with reality. Any cuts exacted will at most reduce the rate of growth. The essential facts remain: U.S. military outlays today equal that of every other nation on the planet combined, a situation without precedent in modern history.

Reflections on Freedom **Serge Beddington-Behrens (7 pp.)**

'We seem to be seeing a strong impulse for freedom springing up in the world today - especially in the Middle East, with all the manifestations of 'people power' that we have been witnessing, especially with what has just been going on in Tunisia, Egypt and Bahrain and now Libya. Do you have hope that a better world is in the offing? If so, what do you think of those prophecies that foretell the end of the world in 2012? Doesn't that sound rather scary?'

History may not repeat itself - but sometimes it rhymes **Giles Chance (7 pp.)**

China's position today as the world's second largest economy and the world's largest exporter is not unique. In 1800, just like today, China's exports of tea, silk and porcelain made it one of the world's largest traders.

Online articles by Anthony Judge: www.laetusinpraesens.org

From Quantitative Easing (QE) to Moral Easing (ME) a stimulus package to avert moral bankruptcy?

<http://www.laetusinpraesens.org/musings/moral.php>

Missing the New Renaissance? **No Room at the Inn?**

<http://www.laetusinpraesens.org/docs10s/rebirth.php>

Surviving cycles: Renaissance following Remorse? (<http://www.laetusinpraesens.org/docs10s/rebirth.php#cycl>)

WikiLeaks and the First Global Condom War Political awakening through asymmetric psychodrama: US versus Assange <http://www.laetusinpraesens.org/docs10s/wikicon.php>

From Changing the Strategic Game to Changing the Strategic Frame - Missing cognitive possibility in changing the system not the planet <http://www.laetusinpraesens.org/docs10s/sysplan.php>

Living as an Imaginal Bridge between Worlds: **Global implications of 'betwixt and between' and liminality** <http://www.laetusinpraesens.org/musings/bridges.php>

Disastrous Floods as Indicators of Systemic Risk Neglect - implications for authoritative response to future surprises <http://www.laetusinpraesens.org/docs10s/floods.php>

Anticipating Future Strategic Triple Whammies in the Light of Earthquake-Tsunami-Nuclear Misconceptions <http://www.laetusinpraesens.org/docs10s/tranplan.php>

MEMBERS' NEWS

Dick Vane-Wright - Linnean Society Conference

In relation to his article on organismic intelligence above, Dick is organising an international conference at the Linnean Society on 8th September called *The Role of Behaviour in Evolution— 'organisms can be proud to have been their own designers'*. Interested Members can get more details from Dick on dickvanewright@btinternet.com

Iain McNay - Conscious TV - www.conscious.tv

A number of Members, including myself, have been interviewed by Iain on Conscious TV - two of my programmes were oral book reviews of books reviewed in Network Review, while the other one discussed books on New Thought, reviewed in this issue. The channel now has over 1 million viewers on YouTube and recent programmes including four on aspects of the Enneagram. I will be reviewing a new book of interviews on non-duality in the summer. His latest newsletter contains many interesting items with live links, and can be obtained from info@conscious.tv

Tim Coleman - The Afterlife Investigations DVD

This DVD asks if science has proven the afterlife through the Scole

Experiment, in which the principal investigators were SMN Members including the late David Fontana, Arthur Ellison and Montague Keen. The sessions were held over a period of five years and many spectacular physical and mental phenomena were witnessed, which are impossible to explain using standard scientific material. Even so, some questions still remain about the procedures used. This DVD also includes an interesting session with psychic Allison Dubois and Marcello Bacci's electronic voice phenomena which some people find less convincing. However, overall this is an important contribution to the field. See www.timcoleman.tv

Richard and Heike Podger - Centrespace, Canterbury

Richard and Heike are seeking to sell their house which has also been a small Retreat Centre for the last 15 years. They are looking for someone to live there and continue the work, but of course in their own vein. The house has 10 bedrooms and 2/3 meeting rooms and a meditation room and is for sale at £450,000. Interested Members can contact them on 01227 462038, podger@centrespace.freeserve.co.uk and web site www.centrespace.freeserve.co.uk

Dr. Jens Jerndal - New Blog

Jens writes: over the last month I have been working with a young Argentine web-designer on my new website about the Paradigm Shift, and now it's finally functioning properly. For the moment I think the most interesting feature of the site is my weekly blog post. Every Sunday you are invited to share a new article on the website, where I comment on important recent news and how they relate to the fast advancing Aquarian Paradigm. My blog will help you be aware of what is going on behind the scenes, what media aren't telling you, and how to connect the dots between the different events and trends to see the larger picture, the grand pattern that is gradually shaping our world and our future. A pattern you will want to understand in order to make the most of your future. You are heartily welcome to www.ParadigmWatch.com

Eddie Farmer Donation

Member Eddie Farmer died at the age of 92 in December and had been a Member since 1999. Eddie requested that attendees at his funeral give a donation to SMN rather than flowers and this amounted to £275, for which we are most grateful. We are enclosing a form to add a codicil in favour of the SMN and we will be enormously grateful if you are able to help us in this way and secure a vibrant future for the SMN.

NEWS AND NOTICES

New International EMF Alliance Announces Far-reaching Scientific Consensus Statement

Oslo, Norway, February 3, 2011. The International EMF Alliance (IEMFA) today announces a new published report and scientific Consensus Statement concerning health hazards of electromagnetic fields (EMFs). Led by Olle Johansson, PhD of the Karolinska Institute, the report published by a consortium of international scientists urges global governments to adopt significantly lower human exposure standards for electromagnetic fields. The recommendations are based on the latest body of evidence in biological sciences, and the public-health implications of the unprecedented global exposures to electromagnetic fields from telecommunications and electric power technologies. The scientists recommend specific exposure limits for different frequency fields, including microwaves, used in wireless communications, and ELF electric fields and magnetic fields. **An 18 minutes video of Olle Johansson**, PhD of the Karolinska Institute, Chair of IEMFA's Seletun Scientific Panel that issued the report is available here: <http://vimeo.com/18018440>. The report and consensus statement, published in the journal *Reviews on Environmental Health* <http://www.ncbi.nlm.nih.gov/pubmed/21268443>

Society for Scientific Exploration - EdgeScience7

The SSE is one of our partner organisations, and we will be holding a joint meeting in Ireland in the autumn of next year. They produce an excellent journal, but also a downloadable magazine. The contents of the new issue include:

- **A New Primate Species** in Sumatra by Adam Davies
- **The Magenta Phenomena: A Medium in Brazil**, by Stanley Krippner
- **Dreams Are Memories** by Andrew Paquette
- **The Uses and Misuses of Quantum Jargon**, by Robert Jahn and Brenda Dunne

You can download this directly from www.scientificexploration.org/edgescience