THE PARALLEL UNIVERSE AND OTHER DIMENSIONS — NEW DEVELOPMENTS

Paul Whitehead

FRESH support for the theory put forward recently by three American physicists that our universe is overlaid by an invisible, parallel universe, has come from two British scientists.

It is likely to throw the scientific world into further confusion. For not only do the scientists propose the existence of another universe existing in the same space as our own — an idea once ridiculed as pure science fiction — they also put forward a suggestion that *a number of other* previously unknown dimensions might exist.

"Superstrings"

Dr Michael Green, a lecturer in physics at Queen Mary College, London, and Dr Simon Anthony, a scientific consultant and former researcher into particle physics, revealed their findings in the August 29th 1985 issue of the *New Scientist.*

Both men give support to the "superstring" theory that subatomic particles don't exist as individual particles — they are really part of an extended object, which has been given the name "superstring" by scientists.

We don't see the whole object, or string, because we are only ever "tuned in" to one small segment of it — the particle(s) that comprise the atoms that in turn comprise our own known universe.

In the words of Dr Anthony: "Just as a violin string can be vibrated in a series of harmonics, so a 'particle string' can be excited into other states".

He believes that all superstrings are in a state of permanent excitement (vibration). We see only those particles vibrating at the lowest frequencies; we do not have "direct access" to particles vibrating at a higher frequency "because the energy to produce them would have been readily available only in the earliest states of the universe's history".

The superstring theory has been called "stunning" by such greatly respected physicists as Professor Edward Witten of Princeton University, USA. It may revolutionise physics and open up the way for serious study of dimensions to which we may one day gain access.

Infinite number of dimensions?

If we are indeed existing within one dimension of superstrings, Dr Green imagines there could be an "infinite number" of particles higher up the string, getting heavier the higher the frequency on which they are vibrating. However, he errs on the side of caution, and does not state whether this means we are faced with an infinite number of corresponding dimensions.

The superstring theory supports the theory proposed in a recent issue of *Nature* (vol. 314, page 145) and the *New Scientist* (August 8th 1985, page 24) that a universe parallel to our own is in existence.

Indeed, the heavier parts of all the superstrings in our universe may comprise this "shadow universe", it has been suggested. Scientists say we should be able to detect the other universe by measuring weak gravitation waves radiating from it.

Is it mere coincidence that an American and a Russian scientist have just proposed building a 25-kilometre-long gravity wave detector in space?

The parallel universe theory may be able to explain the mystery of our own universe's "missing mass". Our universe behaves in a way that indicates the presence of much more mass than it apparently contains, and that is puzzling astronomers.

According to Dr Anthony, a parallel universe could explain this missing mass problem. The mass from the other universe may have an affect on our universe through strong gravitational waves, and appear to us as an invisible, though measurable, mass.

What is the nature of the parallel universe, given that it exists? Dr Anthony says it would have the "same kinds of particles and forces, which to our senses are almost undetectable. Although the particles of this matter may radiate and detect light among themselves (much as 'ours' do — Ed.) particles of our matter could never detect it".

The two forms of matter could co-exist in the same place at the same time, "almost blind to one another's existence". Only gravity would be detectable by observers in either universe.

"CLEAR INTENT"

THERE has recently been a rash of "lectures" and radio talks here in Britain, and at least one TV interview — figuring certain individuals who seem to have come here with the purpose of "cashing in on" and "cleaning up on" the book "CLEAR INTENT", charging, in the process, some pretty fine entrance-fees at the "lectures" and even finer fees for sessions of special counselling of some sort or other.

Arrogating to themselves an equally fine title, possibly suggesting that they might represent some *"national"* body of UFO investigators in the U.S.A., it

may be that they thereby hope to convey the impression that they are the late Major Donald Keyhoe's N.I.C.A.P., or its representatives or its successors?

They have spoken at length to their British audiences about their own remarkable successes in securing the release, under the U.S. *Freedom of Information Act,* of two thousand *(sic)* pages of secret documents relating to the UFO cover-up. But, very curiously as you might perhaps think, they seem to have been careful not to go into any details about their task or about how they came to write this remarkable book, and have confined themselves to displaying copies of "CLEAR INTENT" for sale on the table outside.

Needless to say, had they ventured to discuss such embarrassing matters, it would of course have been necessary to explain to their British audience that all the arduous work of securing the said secret documents (incidentally, not "2,000 pages", but today probably nearer double that figure) had been done, not by them at all, but by such people as, firstly, the two authors of the book, Lawrence Fawcett and Barry Greenwood, and by Dr. Bruce Maccabee, Larry W. Bryant, Robert Todd, Charles Huffer, Brad Sparks, W. Todd Zechel, their indefatigable lawyer Peter Gersten and, no doubt, many others whose names are quite unknown to us here in Britain, but who are members of C.A.U.S. (CITIZENS AGAINST UFO SECRECY) or of CUFOS and of MUFON, who have tackled the American authorities on a broad front under the terms of the F.O.I. Act and have brought court actions against a whole lot of U.S. Government bodies, as we have already reported at some length (particularly in FSR, Vol. 30, No. 1).

So far as we know, the names of the visiting mountebanks figure nowhere among the list of all those who have done this work.

It is important to take extremely careful note of these lectures and these radio and TV appearances here in Britain, inasmuch as they indicate clearly how the Mendacious Brigade in our country operates. The affair enables us to observe not merely one but *two* sets of dishonest interests at work, or, as the old Chinese proverb puts it so pithily, *"Two lots of crooks stringing along together for their mutual benefit".*

On the one hand, we have one interested party, the slick operators, making their quick buck. And on the other hand, we have the other interested party, the presenting agencies, the media, who, quick to spot a phoney when he appears, are ever alert to the possibilities of *cashing in on him, and of using him to harm the cause of serious UFO research.*

For the visitors told some fine tales of their own marvellous encounters with the Space Ships and claimed to be aliens from Space themselves! All of which, highly difficult to believe, would serve the purposes of those in control, and carry forward the great work of bamboozlement, brainwashing, and lying.

Where Are The Reviews?

We think in fact it is accurate to say that, right up until now (end of November 1985), "CLEAR INTENT" has — with one remarkable and solitary exception — received no mention whatsoever anywhere in the media of information in this realm, the United Kingdom of Britain and Northern Ireland. And yet Messrs Prentice-Hall Inc., of Englewood Cliffs, New Jersey, U.S.A., published it in June 1984. *That is to say almost a year and a half ago.*

That one remarkable exception known to us is a half-column mention right at the time of publication, in one of the provincial newspapers of either Lancashire or Cheshire, and due, we feel sure, to the efforts of Jenny Randles.

That, so far as we know, is the lot. *Le reste est silence . . .*

We ourselves lent our first copy of "CLEAR INTENT" in July 1984 to the Science Correspondent of one of Britain's national newspapers having the largest circulations. He is a man who knows all about the UFO Phenomenon, and has known about it for many years. *We place on record here the fact that, having read the book, he returned it to us practically without comment. He apparently has not dared to write one single line about it in his newspaper.*

Since, however, even we aren't totally omniscient, and are even willing to admit it, it remains quite possible that we are painting a somewhat false picture, and that there *have* been some, or indeed possibly even many, references to "CLEAR INTENT" in the British media since June 1984. If there have been such, our ignorance stands exposed for all to see. (And in that case, we might add, our readers, who know very well that FSR cannot afford to subscribe to a newsclipping agency, have not served us very well. So we take this opportunity to ask our readers to let us have full details of any such reference or reviews as they may have seen, and we thank them in advance for this help.)

(We might add that, in general, it would be absurd to say that our British readers support us much by sending in the few press-reports and articles that do appear here nowadays. *They do not.* Relatively speaking, we get far more help from the readers in the English-speaking countries overseas.)

And Europe Too?

But, while we are on this subject, we would like to go further than that. For we would like to take this opportunity to ask all our numerous friends and readers in the European countries to do likewise, and to let us have full details of any comment or mention or review