

## A PLASMA UNIVERSE

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**A NEW SCIENCE OF HEAVEN - [www.newscienceofheaven.com](http://www.newscienceofheaven.com)**

**Robert Temple**

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This ground-breaking and mind-stretching book is subtitled 'how the science of plasma changes our understanding of physical and spiritual reality' – and it certainly delivers on its aim in summarising key research areas and their implications. Although much of the material in the book is relatively technical, it is clearly explained and illustrated, along with the neglected history of a number of corresponding fields. As far back as 1879, Sir William Crookes coined the term 'fourth state of matter', which is now used to describe plasma, which the reader discovers makes up 99.9% of the matter in the universe, implying that 'the organic state is secondary to our fundamental nature as plasma beings.' This means that 'dense physical matter' is 'an exceptional form of the true universal matter, plasma', which in turn revolutionises physics by demanding that it becomes plasma-centric. Interestingly, the idea is paralleled in the writings of Aristotle (*ahylon*) and early Gnostics referring to bodies of light - see below.

The Norwegian Kristian Birkeland (1867-1917) put forward the idea that the Aurora Borealis 'must be caused by streams of charged particles pouring in from the Sun towards the Earth's poles.' This idea was dismissed at the time as outlandish on the grounds that space is empty. Robert explores in the earlier history of such investigations, going back to the 18<sup>th</sup> century, and in 1845 Baron von Reichenbach had already concluded that this was an electric phenomenon. The Swiss astronomer Fritz Zwicky coined the term dark matter, which Robert regards as unnecessary since matter is plasma in different states. Crucially, Zwicky produced evidence that space was not empty, but was unable to publish any of his findings in astronomical journals due to 'a status quo of ignorance.' Fascinatingly, Robert discusses a 1940 paper by Sir Fred Hoyle in which he postulates what we know call plasma (p. 106), an observation also considered eccentric at the time and not confirmed three decades later – he received no credit. He comments that the refereeing system provides the majority with 'a strictly applied censorship over ideas which does not want to hear.'

Hannes Alfvén followed up Birkeland's speculations 'by identifying plasma as the medium by which electric currents could travel through space', discovering a vast network of plasma filaments carrying electric currents – 'the universe is full of [highly dynamic and self-organising] electromagnetic fields.' Moreover, the pattern of a filamentary web seems to occur at all scales from the universe as a whole to the brain. Another piece of the puzzle is the Van Allen Belts, discovered in the 1950s. This means that 'our planet is thus the solid core of a vast plasma entity that surrounds it.' (p. 139) Robert discusses the pioneering research work of such scientists as Irving Langmuir, Winston Bostick and Freeman Cope, who was able to

follow up the ideas of Wilhelm Reich that had been suppressed for intelligence and political reasons (pp. 190 ff.) connected with his critique of Nazism (many former Nazi scientists were re-employed by the CIA under Allen Dulles).

Part of the interest of the book lies in Roberts personal friendships with many key figures, including Paul Dirac, Joseph Needham, Peter Mitchell, David Bohm, Albert Szent-Gyorgyi and Rupert Sheldrake. This brings us on to the importance of electro-biology, pioneered by Szent-Gyorgyi and many Russian scientists, including Alexander Presman. Due to the orthodox focus on biochemistry, bioelectronics has been neglected, although Szent-Gyorgyi stated as far back as 1968 that the next great stride in biology beyond the molecular dimension will be 'its shift towards the submolecular, electronic dimension.' (p. 219) Szent-Gyorgyi's work (pp. 215 ff.) was also impeded for intelligence reasons, and some of the plasma work disappeared from view in the 1950s – many of the leading scientists in the field worked for institutes sponsored by intelligence agencies (Robert remarks that explosions in the ionosphere may have had an effect on global weather patterns). In *The Invisible Rainbow* by Arthur Firstenberg reviewed on these pages in 2019, he provides very extensive scientific documentation of the harmful effects of EMFs on all forms of life, and to which our exposure has increased by orders of magnitude. This should give cause for concern, to say the least.

Another important theme covered is research on biophotons, bioplasma and coherence, which Members Brian Goodwin, Roeland van Wijk and others were following in the 1990s. Viktor Inyushin published an article in 1977 where he claims to obtain evidence that 'a fifth stage of matter, bioplasma, exists as part of each organism's biofield.' He noted that it may extend considerable distances from the organism, speculating on its role in telepathy. This leads Robert on to discuss light flashes corresponding to the moments of death and conception. He postulates that what esotericists have previously called the etheric body is in fact a bioplasmic body that activates the growth of the body at conception and deactivates it by leaving at death – when it sometimes appears as a rising mist. Such subtle bodies are often perceived as light, more or less intense in accordance with the spiritual status of the being.

Robert extends role of bioinformation by drawing on the work of Alexander Presman and linking it with David Bohm's idea of active information. He quotes Presman as stating that information takes precedence over the regulation of physiological processes, causing a redistribution of energy in terms of orchestrated information flows – this has fundamental physiological implications where DNA molecules are generators of radio-frequency signals and RNA molecules are amplifiers of those same signals. This finding could be significant for the functioning of mRNA vaccines and will not be on the radar of the research scientists involved. For Bohm, fields containing active information literally in-form energy, where the form rather than the amplitude is critical. More generally, David's idea of a dynamic unfolding and enfolding Implicate Order implies that 'this driving, ordering process is equally present everywhere in the Universe.' (p. 297)

The final chapter restates the primacy of plasma over rare physical matter, drawing the conclusion that 'if the Universe is full of life forms, including intelligent ones, the majority of them will not be made of physical matter. They will instead be made of plasma. And that may include us. I am suggesting that we are all made of plasma, and that our physical bodies are temporary vehicles for us to operate in the physical world for the short periods of time that our fragile bodies can permit...' (p. 311). Moreover, complex nonbiological and self-organising dusty plasmas like the Kordylewski Clouds may also be intelligent. This brilliant work will produce an internal phase transition by reframing the reader's understanding - there is a great deal to take in, think through and reconceptualise by putting plasma, formative information (aka Rupert Sheldrake's morphic fields) and electro-biology at the forefront.