

## Churinga Publishing Author

A.C. Sturt biographical note updated 19 March 2013



Alan Sturt was educated in classics, English literature and modern languages at school. He won the Silver Medal 1954 at the Outward Bound Mountain School, Eskdale in Cumbria in the UK. After National Service he went on to St. John's College, Cambridge with a State Scholarship in Classics in October 1956, spent an initial year switching disciplines to Natural Sciences paid for a bursary from ICI, and was admitted to the Degree of Bachelor of Arts in 1959. He climbed the Dachstein at the end of August 1959 and the Gross Glockner (12530ft) on 1 September 1959 with the Cambridge University Youth Hostels Association Expedition to Austria.

In the course of employment in a number of companies in the chemical and oil industries until retirement in 1987, his career has spanned industrial research, management and organisation, business in general and economic policy analysis. He has written and published three non-mathematical books on physical, social and political systems.

His training has included Technological Economics (Stirling University), Modern Finance (Urwick Management Centre), Creative Problem Solving (Manchester University), the Bradford Executive Programme (Bradford Management School), a course for BP managers at the London Business School, and the Managing Multinational Enterprise Programme (INSEAD). He was a member of Working Group 26 of EIRMA on innovation. He attended IMI Geneva, and so with their merger has become an alumnus of the International Institute for Management Development IMD (Lausanne).

Not surprisingly he favours a multidisciplinary approach to management and problem-solving. He finds it more fruitful than other, narrowly focussed approaches both for the purposes of analysis and in the action which follows. His interests include political, economic and social history from the earliest times to the present, the history of science, archaeology, astronomy, evolution, listening to music, reading, hill-walking and sailing, when he can manage it.

His three books:

- *The Scale and Scope of Economics (or Economics in Real Time)* hardback in print (copyright 1984) published 1995 with ISBN 0-9526736-2-2,
- *A Degree of Freedom* hardback in print (copyright 1993) published 1995 with ISBN 0-9526736-1-4,
- *Democratic Systems* hardback in print (copyright 1994) with ISBN 0-9526736 0-6,

are all based on the common analytical foundation of 'systems' or processes, which introduces time as a variable, rather than using the static form as in 'balance sheets'. This form of analysis is applicable to all disciplines. He extended it initially into archaeology (from September 2001), and then the sciences of astronomy (from October 2001), physics (from January 2002) and biology from (August 2005), picking up on and analysing their mathematical assumptions along the way (from August 2005).

This eventually resulted in proposals for new paradigms of the structure of the atom, the nucleus, the proton and the neutron, a new theory of light, an alternative to relativity, a new paradigm for astronomical redshift, a new paradigm for cosmology, a systems restatement of natural selection, a new paradigm for evolution and a new paradigm for bacterial infection. These are described in his papers together with his books at [www.churingapublishing.com](http://www.churingapublishing.com), his personal website. The line of thought running through the evolution of the arguments in the papers is laid out in his [Full History of Development of Churinga Publishing](#).

These analyses have produced a number of patent applications with him as sole inventor of novel processes, also shown on the website. Pursuit of his arguments with the British patent examiners have been particularly useful for him in thinking through and clarifying principles, and have resulted in a number of patents granted so far:

- GB 2 405 225 Radioactive timekeeping 17 May 2006,
- GB 2 407 225 Measurement of velocity through space 31 May 2006,  
(The equivalents EP 1 508 841 and EP 1 524 527 have not been renewed because of excessive fees)
- GB 2 426 862 Thermonuclear power generation 11 April 2007.

Other applications are in process. Particularly important is his international patent application for the novel process of power-generation granted in GB, the EU and now the US. This was inspired by his analysis of the flaws in the current expansion model of cosmology i.e. the Big Bang.

As author he transcribed the books himself into e-book form, and they became available on Kindle from July/August 2011. A second hardback edition was shelved at the stage of designing the jacket, which is shown on the site web page. New ISBNs which had been obtained for these second paper editions were used instead for the e-book editions. It was judged appropriate to use new ISBNs, because some rearrangement of diagrams was necessary to bring them closer to the text, which however remained the same apart from minor corrections. Indices were not possible with the e-book format, and so more reference information was included in the List of Contents. The small thumbnails used to advertise on line required new, simpler

designs of jacket for the e-books. The ISBNs for the e-books are therefore as follows:

- *The Scale and Scope of Economics* published 23 July 2011 with ISBN 978-0-9526736-5-1,
- *A Degree of Freedom* published 22 July 2011 with ISBN 978-0-9526736-4-4), and
- *Democratic Systems* published 22 July 2011 with ISBN 978-0-9526736-3-7.

The apparently bewildering scope of the analyses results not from the detail of existing measurements or from new measurements, though he has suggested some, but from re-interpreting the published data as systems with time incorporated. This allowed more imaginative solutions, including the re-instatement of the medium of space after its absence from physics after a century.

He is a Friend of the British Museum, a Friend of the British Library, a Member of the Natural History Museum, and a Friend of the Royal Astronomical Society. He frequently attends open lectures and meetings of these organisations, of the Royal Society and of universities at which world-class scientists and practitioners present summaries of the current state of their arts, which reveal a wealth of stimulating insights into systems. Not the least of these are the advance of archaeology and the understanding of the development of civilisations globally, and particularly their interactions with technology.

He has long been involved in the practical economics of everyday life and business. His interest in economic theory dates from the time when the arguments of 365 economists failed to convince the government of the day of the national destruction which its proposed actions would bring, a warning which has been amply justified over the last three decades. His analysis of the manifest failings of the neoclassical model of economics and especially the dangers of financial ‘derivatives’ which were being newly introduced at the time, as mentioned during his course at the London Business School, led to his development of the new paradigm based on learning systems which is set out in *The Scale and Scope of Economics*. This new paradigm is becoming more and more relevant all the time in the present state of the national and global economies.

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