

## Biography

By Anthony Shell July 2023

It was after graduation from university, in 1971, that I began work as an engineer-mathematician, in the research and development department of a company, within the high-technology sector of UK defence industry.

In 1975, following full vetting, I was given UK Top Secret (Artificer) security clearance.

Over the next 30 years I worked for 6 leading UK companies, on 14 different major engineering projects. That work included my involvement in pioneering work (design, implementation, and performance analysis) in 'real time', embedded computer control systems. As a delegate, I also attended conferences on Net-Centric Warfare, Distributed Data Fusion (DDF), and Recursive Bayesian Estimation (information filtering) techniques.

Toward the latter part of that work I presented details of my research at conferences in England (Brighton), Germany (Munich) and Italy (near Lucca, Tuscany). In addition, I have had 3 peer-reviewed research papers published by a major science-engineering organization (INCOSE, through Wiley, New York) and a book chapter was accepted for publication on complex optimization theory (Springer-Verlag, London, 2002).

In 2003 I took early retirement, and shortly afterward began independent research into the ideologies, formation, and functioning of complex social and political groups and organizations, within complex social / economic / cultural environments. My original, previous work in the modeling of behaviour mode dynamics of complex systems – and of the conditions for transitions between modes, in particular – was especially useful, in that regard.

The results of that work were both self-published, and published in a number of independent outlets (newspaper, periodicals). Correspondence and comment, dealing with matters concerning the above subjects, were submitted by myself, and published by national newspapers and magazines (including The Times, The Financial Times, The Guardian, New Scientist, and The Economist).

That research quickly evolved into the investigations of political extremism – and, in particular, the relationship between extremist political ideology and possible malfeasance within UK State agencies (i.e. of the complicity within the UK State in the covert manipulation of extreme social / cultural change).

This work has therefore included the development and use of techniques specifically for analyzing and understanding complex socio-political phenomena – where such phenomena is driven by the concealed malfeasance of ideological, dictatorial subgroups (and, especially, sub-groups embedded within the State apparatus). This has special importance where such malfeasance is manifest as a group psychopathy.

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