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Academically educated in Electronic and Electrical Engineering at Queen Mary College, London, but at heart a mechanical engineer. David served a University apprenticeship at Rolls Royce (Aero Engine Division) which introduced him to the 'art' of fine engineering, initially in Derby, then Barnoldswick. In 1971 he became production manager for Data Acquisition Ltd, a small instrumentation company in Stockport, where he encountered his first experience of RF interference. (electric welding at a company on the opposite side of the valley, causing sensitive high gain instrumentation amplifiers to become unstable). He was closely involved with the design and manufacture of the instrumentation systems that was fitted to the prototype APT (Advanced Passenger Train) and the BR research laboratories in Derby. Other innovative projects involved 'first generation' machine health monitoring systems fitted to Army Air Corps helicopters and the first generation of 'electofusion' equipment now commonly used for the assembly of the underground gas distribution network.

In 1988 David founded Laplace Instruments, initially as a supplier of PC based frequency analysis equipment, chiefly for vibration measurement and audio frequency applications. This led to spectrum analysers… and then to RF interference applications… hence in 1993, to EMC.

He has been an originator and developer of EMC instrumentation ever since, and led the introduction of cost effective measurement systems, from concept to production. In particular, he has been responsible for the user interface via PC software, now recognised as being a world class application for ease of use and flexibility. Laplace is now the only UK based broad spectrum manufacturer of EMC test equipment, and under David's leadership is still the only supplier that can automatically characterise a test site, and can effectively cancel ambient background noise. The innovative developments undertaken by Laplace has resulted in the winning of two SMART awards.

His key attribute is an ability to de-mystify EMC, in particular the behaviour of 'RF' and the methods and techniques required for EMC measurements. He has lectured on the subject of EMC throughout Europe, Taiwan, Australia and the USA, and provides pragmatic and effective advice to the many users of Laplace test equipment (and others).

He is a member of the IEEE and EMCIA, and has presented papers at IEEE symposia in the US and at IEE meetings in the UK. He has been actively involved with the changes to, and enforcement of, the Luminaire standard (EN 55015). He is a pragmatic 'hands-on' engineer with many years experience in the art of EMC measurements. When not on duty, he enjoys anything related to steam locomotives, and is an active model engineer, involved with 7¼" gauge railways.