

2003 Microwave Career Award

J. David Rhodes

This award recognizes an individual for a career of meritorious achievement and outstanding technical contribution in the field of microwave theory and techniques. This year's recipient is J. David Rhodes whose citation reads ***"For a career of achievement, meritorious achievement creativity, and outstanding contributions in the fields of microwave theory and techniques."***

David Rhodes, 59, has been Executive Chairman of Filtronic plc since founding the company in 1977 and also serves as Chief Executive Officer. He has also been a professor of electronic and electrical engineering at Leeds University since 1975 and is an internationally recognized figure in the field of circuit theory and microwave engineering and has authored more than one hundred and fifty technical papers and books.

In the 1992 New Year's Honours List, he was made an Officer, Order of the British Empire, for his contribution to science and technology and in 2000, made a Commander, Order of the British Empire, for his contribution to engineering research and industry. He was also made a Fellow of the Royal Society in 1993. Other fellowships include The Institute of Electrical and Electronic Engineers (1980), The Institution of Electrical Engineers (1984) and The Royal Academy of Engineering (1987).

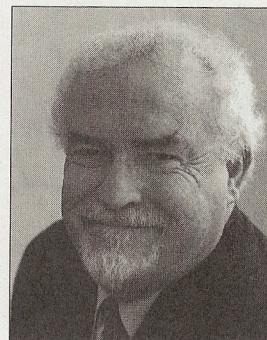
He received the BSc degree in electrical engineering in 1964 from Leeds University. This was followed in 1966 by a PhD degree and in 1974 the DSc degree, being the youngest person ever to receive such a degree, from Leeds University. In 1988 and 1995, the honorary degrees, DEng and DSc, were awarded by Bradford and Napier Universities respectively.

During the last thirty years, Professor Rhodes has received twenty national and international awards for his research work and contributions to industry. In 1970, he was awarded the Microwave Prize by the Microwave Theory and Techniques Society for the best paper appearing in the Transactions and also the IEEE Browder J Thompson Award by the IEEE for the best paper by an author under thirty appearing in any IEEE publication. In both 1971 and 1973, he received the J J Thompson Premium for publications in the IEEE. In 1974, he was the recipient of the Guillium-Cauer Award from the Circuits and Systems Society of the IEEE for the best paper appearing in the Transactions on Circuits and Systems.

In 1984, he was awarded by the IEEE, the J J Thompson Medal for significant contributions to research and development of the electronics industry internationally and in 1990, the best paper award by the International Journal of Circuit Theory and Applications. In 1995, he received the Faraday Medal from the IEEE for outstanding contributions in the fields of circuit theory and microwave filters and for highly successful business developments in the manufacture of components for communications and military systems, and in 1998, the Mountbatten Medal by the National Electronics Council.

In 1999, he was presented with the Mullard Award from the Royal Society, the Golden Jubilee Medal by the IEEE Circuits and Systems Society and in 2000, the IEEE Third Millennium Medal.

Business awards include the IEEE Achievement Award in 1988 for Engineering Management, The Queen's Award for Technology Achievement in 1985 and 1992 for substrate stripline filters and switched multiplexers respectively, the Queen's Award for Export Achievement in 1988, Entrepreneur of the Year Award in 1999 and 2002, and the Yorkshire Board of the Year Award in 1999.



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