

PREFACE

Dedicated to Brian Straughan

The International Conference “New Trends in Fluid and Solid Models 2007” has been dedicated to Prof. Brian Straughan in the occasion of his 60th birthday. For the sake of simplicity and concreteness we confine ourselves to mentioning the main points of his scientific and academic career. More informations can be found in his web site address.

Born in County Durham, England, 18th October, 1947.

Degrees

- B.Sc., Mathematics, 1970, University of Newcastle upon Tyne.
- M.Sc., Fluid Mechanics and Mathematical Techniques, University of Newcastle upon Tyne, 1971.
- Ph.D. in Mathematics, Heriot-Watt University, 1974.

Career

- Oct. 1966 – Sept. 1967: Chemist with Procter and Gamble Ltd., Newcastle upon Tyne.
- Oct. 1971 – Sept. 1972: Research Assistant, Department of Electrical Engineering, Liverpool University.
- Nov. 1974 – Sept. 1975: SERC Research Associate, Mathematics, Heriot-Watt University.
- Oct. 1975 – Sept. 1978: University Research Fellow, Mathematics, Glasgow University.
- Oct. 1978 – Sept. 1986: Lecturer, Glasgow University.
- Oct. 1986 – Sept. 1987: Senior Lecturer, Mathematics, Glasgow University.
- Oct. 1987 – Nov. 1991: Titular Professor, Mathematics, Glasgow University.
- December 1991 – August 2000: Simson Professor of Mathematics in the University of Glasgow.

- Currently, Professor of Numerical Analysis in the University of Durham, since Sept. 2000.

Memberships

- Elected a Fellow of the Royal Society of Edinburgh, March 1986.
- Elected a Foreign Member of the Accademia di Scienze, Fisiche e Matematiche di Napoli, 3rd June, 1995.

Web site address

<http://maths.dur.ac.uk/dma0bs/>

Personal details

Married Carole Spark, April 1, 1972.

Two daughters, Luan (1973), Kirsten (1980).

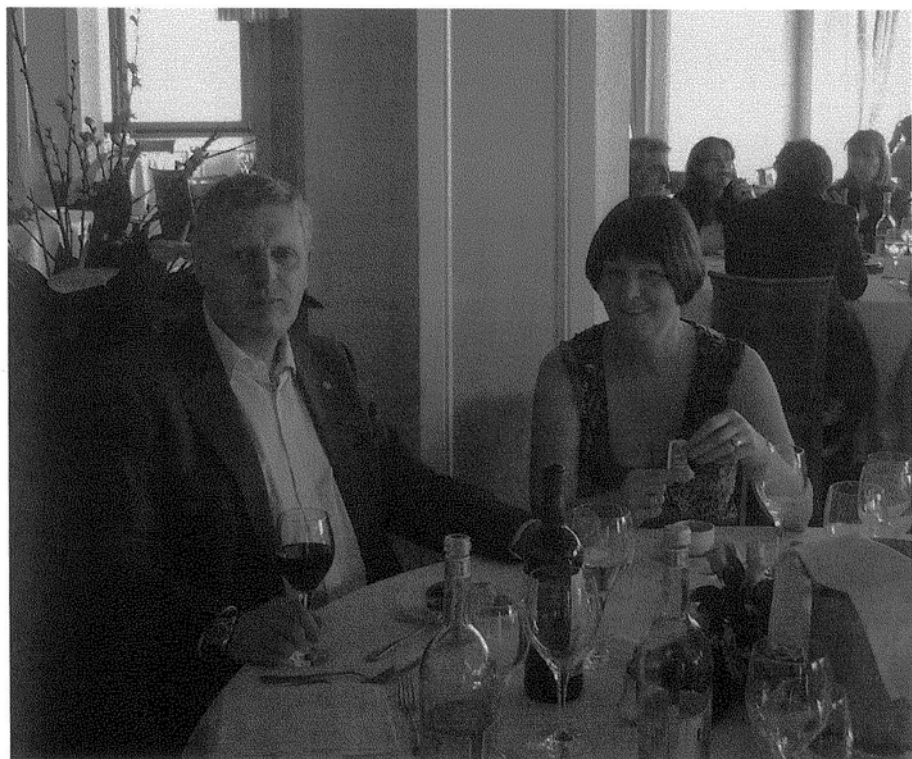
Two grandsons, Cole Philip (2005), Caleb Lawrie (2009).

His scientific activity is concerned with partial differential equations, scientific computing and their applications to problems in the real world. He is author of more than 150 scientific papers concerned with

- (1) Linear and non linear stability of dynamical systems;
- (2) Energy methods;
- (3) Numerical/Computational problems (in particular numerical solutions of spectral problems);
- (4) Convection;
- (5) Fluid/Porous flow in bounded and unbounded domains;
- (6) Linear and non linear elasticity, viscoelasticity and wave propagation;
- (7) Math. Biology/Medicine.

In the field of energy stability, he is one of the founders of the modern guide lines. He is the author of six research books, among which

- (1) Stability and wave motion in porous media (Vol. 165, *Appl. Math. Sci. Ser.*, Springer-Verlag, 2008)
- (2) The energy method, stability and non linear convection (Vol. 91, *Appl. Sci. Ser.*, Springer-Verlag, second edition, 2004)



Prof. Brian Straughan