



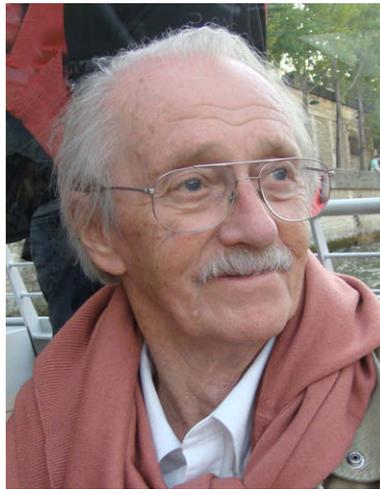
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In Celebration

Professor D. Brian Spalding Sc.D., Ph.D., F.I.Mech.E., F.Inst.F., F.R.S., F.Eng.



Photograph courtesy Colleen King

Professor Brian Spalding was born at 1923 at New Malden, England. He obtained his BA and MA degrees in Engineering Science at Oxford University in 1944 and 1948 and his PhD at Cambridge University in 1952 for a thesis on the combustion of liquid fuels. In 1954 he joined Imperial College as a Reader in Applied Heat and in 1958 was appointed Professor of Heat Transfer. He was subsequently also Head of the Computational Fluid Dynamics Unit and held both positions until his retirement in 1988.

At various times, he has been Visiting Professor at Massachusetts Institute of Technology, the University of California, Berkeley, and the University of Minnesota; in the late 1970s he was Reilly Professor of Combustion at Purdue University.

Prof. Spalding has written many scientific publications from as early as 1949 with papers on thermodynamics, followed by publications on combustion, heat and mass transfer, boundary-layer theory and computational fluid dynamics.

Prof. Spalding's main honours and awards include:

• Max Jakob Award	1978
• Bernard Lewis Medal	1982
• Fellow of the Royal Society	1983
• Luikov Medal	1986
• Fellow of the Royal Academy of Engineering	1989
• Foreign Member of the Ukrainian Academy of Sciences	1994
• Foreign Member of the Russian Academy of Sciences	1994
• Global Energy Award Laureate	2009

In 1974, Prof. Spalding founded Concentration Heat and Momentum Ltd., (known as CHAM) and remains its Managing Director to this day. The company's major product is the widely-used computer code, PHOENICS of which Prof. Spalding is the principal author and continuing developer.

Prof. Spalding has been directly involved with both this journal and the International Centre for Heat and Mass Transfer since their inception in 1960 and 1968 respectively. In May 2008, ICHMT held an international symposium¹ on Computational Heat Transfer in Marrakech, Morocco in Prof. Spalding's honour.

In addition to his numerous scientific interests Prof. Spalding has had a lifelong interest in poetry from the viewpoints of both reading and writing it. In recent years he has made, and published, free translations of works by Pushkin which have continued his interest in poetry and matters associated with Russia, its language and its people.

Prof. Spalding has been a campaigner based on his belief in freedom of the individual. In the late 1960s he became friends with Prof. Benjamin Levich, then a Corresponding Member of the Russian Academy of Sciences, and was instrumental in assisting Prof. Levich and his family to emigrate to Israel. As part of this campaign Prof. Spalding started a series of Conferences, and an International Journal, on PhysicoChemical Hydrodynamics (a subject pioneered by Prof. Levich).

¹ Preliminary versions of some of the papers in this issue were presented at that symposium.

The Journal was published by Pergamon Press, which was owned at the time by Mr. Robert Maxwell. Prof. Spalding also campaigned on Mr. Maxwell's behalf during the 1970s in the period when the ownership of Pergamon was not under his control. Prof. Spalding, with others of a similar mind, encouraged the Editors of various scientific journals, including the IJHMT, collectively to voice their desire to have Mr. Maxwell back in control and this duly came to pass.

Now in his 87th year Prof. Spalding continues to explore computational fluid dynamics with undiminished vigour. He enjoys working seven days a week with time out for speaking at Conferences where he can meet colleagues and students and discuss matters of mutual interest, hopefully resulting in mutual

enjoyment. He also finds time to read (poetry and prose) and write (poetry and lectures) in addition to spending time with family and friends.

S.B. Beale
*National Research Council, Montreal Road, Ottawa, ON,
Canada K1A 0R6*
E-mail address: steven.beale@nrc-cnrc.gc.ca

G. de Vahl Davis
The University of New South Wales, Sydney, NSW 2052, Australia
E-mail address: g.devahldavis@unsw.edu.au

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