

MERITORIOUS SERVICE

CITATION

Mr David Muxworthy MBCS CITP

David was a founder member of the Fortran Specialist Group in 1970 and has been a very active contributor ever since. He served as Chairman, 1975-77; Vice-Chairman, 1977-78, 1979-80 and 2003-08; Secretary, 1971-75 and 1997-2003; and Treasurer, 1998-2003. He is currently the Group's Archivist and remains deeply committed to the work of the Group both within BCS and in the UK and international Fortran communities.

In the wider world of the UK Fortran community he has been Convenor (chairman) of the BSI Fortran Panel since the 1980s and played a leading role in forming the UK votes on drafts of the Fortran 90, Fortran 95, Fortran 2003 and Fortran 2008 standards. During most of this time he has served on the BSI committee IST/5 on language standards.

Starting in the early 1970s David acted as liaison between the Fortran SG, representing the UK Fortran community, and the US committee revising the first Fortran standard, Fortran 66. This revision led to the publication of the second version of the Fortran standard, Fortran 77, in 1978.

He has attended every meeting of the ISO Fortran standardisation committee since the inaugural meeting in London in 1978 and has usually chaired the drafting committee, where his understanding of the rules by which standards must be prepared as well as his diplomacy and tact are enormously appreciated.

Having audited the accounts for the Edinburgh Branch for three years, he was, for nearly thirty years, from 1976, a member of their Committee. During this period he served as a link with Edinburgh University and was active in organising meetings and speakers, and was always willing to help.

“David is for me the model of the Professional BCS Member. Besides being an expert in his subject area, he has brought his considerable experience to bear on the activities of the Edinburgh Branch in many ways. He is a strong supporter of BCS and the standards and behaviour that BCS expects of professionals.” Iain Thompson, July 2011

Miles Ellis CEng FBCS CITP, and Convenor of ISO Fortran Working Group ISO/IEC JTC1/SC22/WG5, 1995-1999 said of David's commitment.

"David has been at the forefront of international standardisation of Fortran since the process began and, as others have said, has contributed an enormous amount in his modest and yet immensely knowledgeable way. I certainly found his presence invaluable during my spell as Convenor. He has also been a mainstay of the UK's contributions to International Standardisation of all Programming Languages through his contributions to SC22 over many years."

This nomination is supported by the Fortran Specialist Group and Edinburgh Branch Committees and members of the International Standards Organisation Fortran Working Group and its predecessor committees.