Geoffrey Charles Fox

Syracuse University
Northeast Parallel Architectures Center
111 College Place
Room 3-201 CST
Syracuse, NY 13244-4100
(315) 443-1723
gcf@npac.syr.edu

Birth: June 7, 1944, in Dunfermline, Scotland

B.A. in Mathematics from Cambridge University, Cambridge, England (1961–64).

Ph.D. in Theoretical Physics from Cambridge University, (1964–67).

M.A. from Cambridge University (1968).

Research Experience

Director, Northeast Parallel Architectures Center (August, 1990–present)

Professor of Computer Science (August, 1990–present)

Professor of Physics (August, 1990–present)

Syracuse University, Syracuse, New York 13244 (1990–present)

Associate Provost for Computing (January, 1986–December, 1988)

Dean for Educational Computing (September, 1983–December 1985)

Professor of Physics (July, 1971–July, 1990)

Executive Officer of Physics (September, 1981–September, 1983)

Millikan Research Fellow in Theoretical Physics (September 1970–June, 1971)

California Institute of Technology, Pasadena, California 91125 (1970–1990)

Brookhaven National Laboratory, Upton, New York (1970) and Argonne National Laboratory, Argonne, Illinois (1970), visiting scientist.

Cavendish Laboratory, Cambridge, England (1969–1970). Research Fellow at Peterhouse College

Lawrence Berkeley Laboratory, Berkeley, California 94720 (1968–69). Research Scientist

Institute for Advanced Study, Princeton, New Jersey 08540, (1967–68). Member of School of Natural Sciences.

Publications

1. Fox, G. C. and Holmes, K. C. "An Alternative Method of Solving the Layer Scaling Equations of Hamilton, Rollett, and Sparks," *Acta Cryst.* **20**, 886 (1966).

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Member of the Editorial Board:

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Awards

Alfred P. Sloan Foundation Fellowship (1973-1975)

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Lecture Notes

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2. Caltech 1979 on "Gauge Theories and Related High Energy Physics (Experimental and Theoretical) Topics."
3. JPL 1988 "Third Conference on Hypercube Concurrent Computers and Applications;" Chairperson of program committee.
4. Syracuse 1992 "First International Symposium on High-Performance Distributed Computing," Conference Chair.
5. Spokane 1993 "Second International Symposium on High-Performance Distributed Computing," Conference Chair.
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