success becomes much easier. This can be measured in terms of the system's ability to contribute to the achievement of these objectives.

FURTHER READING

S. Beer, *The Brain of the Firm*. Allen Lane, The Penguin Press, Harmondsworth (1972).

E. Mumford, *Designing Human Systems*. Manchester Business School (1983).

E. Mumford, *Designing Participatively*. Manchester Business School (1983).

Announcements

21–22 June 1985

Computers and Society, Second Rochester Conference, University of Rochester, Rochester, New York 14627. Subjects of the conference: the relation between computer technology and social phenomena; the psychological effects of computers on individuals; the effects of computers on social relations and on the culture of industrial society; the influence of society on the development and use of computer technology. [Preference will be given to papers that report empirical research; however, essays will also be considered.]
Note: The conference will be held on the campus of the University of Rochester. The conference will be organised to minimise costs to those attending. A nominal registration fee will be charged; housing and meals will be available on the campus for modest cost.

10–12 July 1985

BNCOD-4, Fourth British National Conference on Databases. Keele, Staffordshire, England. The primary objective of this series of conferences is to provide a forum for British research workers and practitioners to present the results of their research. At this conference – the fourth in the series – papers will be presented on modelling techniques and methods of knowledge representation and on concurrency and access control. There will be papers on the integration of database software and theory with other well-known software tools both for the production of new software tools and for more specific end-user applications. In addition to these and other selected papers there will be two invited papers from European experts; Joachim W. Schmidt of the Johann Wolfgang Goethe-Universität in Frankfurt and Giuseppe Pelagatti of the Politecnico di Milano.

Further information may be obtained from:
Frances Grundy, BNCOD-4, Department of Computer Science, University of Keele, Keele, Staffordshire, England ST5 5BG. Tel. 0782 621111.

29 July–2 August 1985

World Conference on Computers in Education

The fourth annual World Conference on Computers in Education (WCCE), to be held at the Convention Center in Norfolk, Virginia will focus on the current use of computers in education and projections for the future. The international conference is expecting educators from over 60 different countries.

The programme will be for experienced and new computer users and will examine instructional programs that address all educational levels. Sessions will include speakers and presenters who will participate in survey and tutorial sessions and special panel discussions. A copy of the conference proceedings is included in the registration fee.

Pre-conference workshops are offered on 26–28 July and will be given by well-known educators. These workshops are limited to 30 enrollees and will require an additional registration fee.

For further information on the Conference Program call (800) 622-1985 in the USA.

21–23 August 1985

The 11th International Conference on Very Large Data Bases will be held in Stockholm.

VLDB Conferences are intended to identify and encourage research, development and applications of database systems. Their objectives are the promotion of an understanding of current research, the furthering of exchanges of information and experience gained in the design, construction and use of databases, and the provision of a forum for the discussion of future research and development.

The eleventh VLDB Conference will emphasize the contribution of database technology to evolving areas like artificial intelligence, software engineering, CAD/CAM, graphics, office information systems and the new challenges that the interaction with those areas presents to the field of database management.
For further information contact:
Lars Söderlund, Department of Computer Science, University of Stockholm, S-106 91 Stockholm, Sweden.

Conference

16–18 December 1985

Fifth Conference on Foundations of Software Technology and Theoretical Computer Science (FST & TCS 5), New Delhi, India, Areas of interest include: programming and proof methodologies, functional and logic programming, formal semantics and specifications, theory of computation, formal languages and automata, VLSI, algorithms and complexity, databases, distributed computing and computing practice. Four copies of each full paper to be submitted by 31 May 1985 to S. N. Maheshwari, Department of Computer Science and Engineering, Indian Institute of Technology, New Delhi 110 016, India.

Call for Papers

20–23 May 1986

SOCOCO 86, IFAC/IFIP Symposium on Software for Computer Control, to be held in Graz, Austria.

Submit five copies of a 300- to 500-word abstract on one of the following topics. Real-time languages, Man–machine communication software, Software for distributed control systems, Control software engineering, Reliability, Artificial intelligence methods.
For further information contact:
Mrs R. Hammer, SOCOCO 86, IIG, Schießstattgasse 4a, A-8010 Graz, Austria.

Would **Dr Chingmin Jim Lo**, whose address at the time he submitted his recent paper 'Unifying multiple semantic intentions for a syntactic construct' was:

660 Eigenmann Hall
Indiana University
Bloomington
Indiana 47406
USA,

and who has since moved, please contact the Editor of *The Computer Journal*.