



BCS
Edinburgh
Branch



Edinburgh
Regional
Computing
Centre

FORTRAN WORKSHOP

in collaboration with

BCS FORTRAN SPECIALIST GROUP

TUESDAY, APRIL 6

9.30am TO 5.00pm

Assembly William Robertson Building

Sub-meetings David Hume Tower

WEDNESDAY, APRIL 7

9.30am TO 5.00pm

General meeting William Robertson Building

GEORGE SQUARE, EDINBURGH

GENERAL INFORMATION

LOCATION

General assembly and discussion will be in the William Robertson Lecture Theatre.

Sub-groups will meet in the David Hume Tower.

All meetings to be held in the George Square area of the University.

TECHING

The workshop will be held from 9.30 am to 5.00 pm on both April 6 and April 7, 1971.

MEALS & REFRESHMENTS

The cost of lunch and refreshments is included in the fee.

ACCOMMODATION

Delegates are expected to make their own arrangements for accommodation.

If requested, the organizers may be able to arrange accommodation in the University Halls of Residence at £2.50 per day for dinner, bed and breakfast.

The B.C.S. Fortran specialist group established three working parties concerned with:

- Extensions to ANSI Fortran
- Standards for conversational Fortran
- Standards for small machine Fortran

It has been decided that a Fortran Workshop take place in Edinburgh on April 6 & 7, 1977, open to all persons interested in these topics, and is to be held from 9.30 am to 5.00 pm in the William Robertson Theatre, George Square.

This Workshop is organized by the Edinburgh branch of the B.C.S. and ERCC, in conjunction with the B.C.S. Fortran Specialist Group.

The principal concern of the workshop will be a feasibility assessment for establishing standards for small machines and for conversational operation together with proposals for extending ANSI Fortran. It is proposed that, following this workshop, the ideas for extension be submitted to the standards committee for assessment.

The workshop will be subdivided on the first day into sub-groups concerned with the discussion of specific topics under the chairmanship of working party members. The reports of each sub-group will be presented to the general assembly on the following day for general discussion and debate.

While it is not intended that formal papers be presented, the workshop will be organized to allow persons holding opinions adequate time to express them. For this reason the cost of the workshop has been kept as low as possible.

Delegates are expected to make their own arrangements for accommodation.

REGISTRATION FORM

I wish to attend the FORTRAN WORKSHOP on April 6 & 7, 1977, for which I enclose the fee of £3.50 (£3-10-0)

NAME

ADDRESS/DEPARTMENT

Telephone number:

To assist the organizers would you please indicate which of the following discussion group topics are of interest, with no obligation.

- | | |
|--|--------------------------|
| Conversational | <input type="checkbox"/> |
| Mini-computers | <input type="checkbox"/> |
| Run-time diagnostics and error control | <input type="checkbox"/> |
| Program structure | <input type="checkbox"/> |
| Input/output facilities | <input type="checkbox"/> |
| Review of executable statements | <input type="checkbox"/> |
| Additional types, e.g. character | <input type="checkbox"/> |
| Relationship with operating system environment | <input type="checkbox"/> |

Alternative proposal:

This form together with the fee should be returned not later than 19 March 1977 to:

The FORTRAN WORKSHOP,
Edinburgh Regional Computing Centre,
The King's Buildings,
Edinburgh EH9 3JZ.

T/ (031) 667 1011 Ext 3613

Cheques should be made payable to the University of Edinburgh.



Minutes of the final session of the Fortran Workshop, held in the William Robertson Building, George Square, Edinburgh on Wednesday 7th April, 1971 at 4.30 p.m.

1. OFFICE-HOLDERS

The Specialist Group Chairman announced that Mrs Barritt had resigned as Group secretary and that it had been arranged that Mr D.T. Muxworthy would be minutes and meetings secretary and Mr R.E. Day documents secretary.

2. WORKING PARTIES

It was decided to set up four working parties:

<u>subject</u>	<u>chairman</u>	<u>to meet in</u>
1. Free Format	D.H. Marwick	Edinburgh
2. Mini-computers	M.J. Garside	(not fixed)
3. Diagnostics	P.A. Samet	London
4. Extensions	B.H. Shearing	London

Of these numbers 2 and 4 are essentially continuations of existing working parties and numbers 1 and 3 are new ones.

3. TRENDS

Mrs Barritt urged that a consensus of opinion on future trends, not necessarily currently acceptable as standards, should be communicated to ANSl.

4. WORKSHOP REPORTS

Mr Gatehouse asked all discussion group chairmen to submit reports on their discussions to the secretary. The Steering Committee were to edit them and produce a report for the Computer Bulletin or Journal.

5. CONCLUSION

Mr Gatehouse conveyed apologies for absence from the Secretary-General of the Society, and thanked the Edinburgh Branch and E.R.C.C. and particularly Mr R.E. Day for their organization of the Workshop. This was a new example of cooperation between a Specialist Group and a Branch. Mr Gatehouse asked the participants to remember the average user when suggesting changes to the language.

On behalf of the Edinburgh Branch, Professor Balfour thanked the participants and Mr Day for making the workshop such a success.

BRITISH COMPUTER SOCIETY FORTRAN SPECIALIST GROUP

Minutes of a meeting of the Steering Committee held on Friday, 14th May, 1971 at B.C.S. Headquarters, 29 Portland Place, London, W.1. at 1.30 p.m.

Present: Mr. J.S. Gatehouse (Chairman)
Mr. R.E. Day
Mr. M.J. Garside
Professor P.A. Samet (for part of the meeting)
Mr. B.H. Shearing
Mr. D.T. Muxworthy (Secretary)

Apologies
for absence: Mr. D.H. Marwick

		<u>Action</u>
EDINBURGH WORKSHOP - FINANCIAL AND GENERAL REPORT	Mr. Day distributed a preliminary Balance Sheet for the Workshop. Professor Balfour was to be requested to include in the general report of the Conference a list of Working Parties and to indicate that the Working Parties would report to a meeting of the Group in the autumn prior to any publication in the Bulletin.	DTM
	Messrs. Gatehouse and Muxworthy were to compile an up-to-date Members List and then to circulate members asking if they wish to remain on the list. Opportunity will be taken to point out that the general Workshop report will appear in the Bulletin.	JSG/DEM
EDINBURGH WORKSHOP - TECHNICAL REPORT	All Discussion Group chairmen had now submitted reports, except Mr. Garside for the second day. The Secretary was requested to thank Mr. Schofield for his particularly good report. Following the mailing list revision, the unedited RED Workshop Chairmen's Reports would be distributed to members of the Group.	MJG
	The unedited reports were also to be sent to Mr. Engel (Chairman, ANSI X3J3) with a summary of work in progress here and a request for more information on the new ANSI draft standard.	DTM
FUTURE PROGRAMME	It was decided that Steering Committee minutes should not be distributed to the Group but that the Committee should be mindful of the need to keep in touch with the members. Diagnostics Working Party; This has one member besides its Chairman. Professor Samet is to extend its membership by invitation.	PAS

Mini /

Action

Mini-computers Working Party: This has eight members. It should not exclude BASIC and other languages from its considerations and its aim should be to publish proposals in the Bulletin for discussion.

MJG

Extensions Working Party: This has nine members. Its target is to issue a report by the end of the year and to have it published in the Bulletin a year after its previous report.

BHS

Free Format Working Party: This was not thought to , have started work. Its Chairman was to be asked to consider its terms of reference to see if it might be worthwhile combining with the Mini-computers Working Party (which Mr. Garside would welcome).

DTM

OTHER BUSINESS

Mr. Day suggested the establishment at B.C.S., H.Q. of a Group Library, or an index of reference to Fortran documents. Mr. Gatehouse was to discuss this with Mr. Ellis.

JSG

DATE OF NEXT MEETING

The next Group meeting was provisionally arranged to take place on Thursday, 21st October, 1971 at 10.50 a.m.

JSG