

my hr

SCIENCE AND ENGINEERING RESEARCH COUNCIL  
RUTHERFORD APPLETON LABORATORY

COMPUTING DIVISION

DISTRIBUTED INTERACTIVE COMPUTING NOTE 784

MEETINGS

issued by  
Dr D A Duce

Notes of the Programme Committee meeting for the  
BCS FACS Workshop on Specification and Verification,  
University of York, 7 January 1983.

21 January 1983

DISTRIBUTION:

R W Witty  
D A Duce  
Programme Committee  
Technical Meetings/Program Specification  
and Verification (Easter 83)

Present

R J Cunningham  
T Denvir  
C Runciman  
I Cottam  
R Maddock  
D A Duce

1. APOLOGIES

Apologies were received from D Simpson, B Sufrin and R W Witty.

2. MINUTES

The minutes of the previous meeting were accepted.

3. MATTERS ARISING

- 1. CR reported that SERC had rejected the Visiting Fellowship application for Turski (a) because they could not understand why he needed extra funds for an air fare to Poland, (b) since he already has a VF, travel to York should be charged to this. DAD offered to take this up with Central Office. ACTION DUCE
- 2. CR has heard nothing about the Bjorner VF application. ACTION DUCE
- 3. RJC reported that Huet has now received his letter and has accepted the invitation. He has however moved away from algebraic specification and into LCF. His title is 'Design of Formal Systems'. An abstract is being sent soon.

RJC is submitting a VF application for Huet. His visit will be based on Imperial, with an excursion to York and possibly Edinburgh also.

4. Precise titles are need for invited presentations.

ACTION CUNNINGHAM

4. REVIEW OF SYNOPSIS AND PROGRAMME

1. G Plotkin had reported that he would now be unable to give his presentation, because of an extension to his visit to MIT. He offered M Smythe as a replacement. In view of the full programme it was agreed that this paper would be dropped.

ACTION DUCE

2. Coleman and Galimore commented that their software runs under UCSD Pascal. York can provide this on a Terak, though UMIST use Dicoll LSI-11's. This demonstration needs to be set up well in advance in case there are problems.

ACTION RUNCIMAN

3. The synopses received presented no major problems. The order of presentations was revised to give a more harmonious programme. The following order was agreed:

Monday Jones  
Coleman  
Barringer  
Cottam  
Cunningham  
Harwood  
McGettrick

Tuesday Burstall  
Kowalski  
Sufrin

Wednesday Huet  
Turski

Timings are shown on the attached revised programme.

4. Because of the severe difficulties McGettrick is experiencing in mounting the Stanford Pascal Verifier, there is some doubt about how long he will wish to speak for, hence this talk has been scheduled for Monday evening, but could be accommodated before dinner if only short.
5. Huet will speak about LCF; there was discussion about inviting Milner to give an introduction to LCF prior to Huet's talk. It was agreed that Milner would be invited to speak on LCF, either on Monday evening, if McGettrick's paper follows dinner, or as part of the informal session on tools if McGettrick's talk precedes dinner.

ACTION CUNNINGHAM

6. The Tuesday morning session has been re-ordered. Burstall and Kowalski hold particular philosophical positions. Sufrin will be asked to slant his talk towards 'this is how we do it in practice'. ACTION DUCE

7. Maibaum at IC is doing relevant work and should be invited to attend. ACTION DUCE

Sorensen (Oxford) might be persuaded to speak on his work with IBM, applying formal methods to existing software packages. This could be included in the case studies session. ACTION MADDOCK

8. Demonstrations will be from 17.00 - 20.00 on Tuesday. Four external groups have indicated a desire to participate; CR may also demonstrate some tools.

9. The informal sessions on Tuesday afternoon will be scheduled on Monday evening. The chairmen will be invited to meet in the appropriate place Monday evening (The Bar!). Delegates will be asked to sign up for sessions by Monday evening. Some mention of this needs to go in the pre Workshop information.

ACTION DUCE

The Case Studies session will probably require the full afternoon.

10. Chairmen for the informal sessions are as follows:

Case Studies	B Sufrin
Programming Languages	A McGettrick
Tools	T Denvir
Education	C Jones
Robust Specifications	I Cottam

10 minutes will be allowed for each report at the feedback session on Wednesday morning. All chairmen need to be informed of their duties. ACTION DUCE

## 5. SESSION CHAIRMEN

Session chairmen will be invited as follows:

### Monday

am	R J Cunningham
pm	R Maddock

### Tuesday

am	W M Turski
Dinner	I C Pyle

### Wednesday

am	D Simpson
pm	C B Jones

Chairmen need to be invited and to be informed of their duties. DAD offered to act as note taker for C B Jones

ACTION DUCE

Prof I C Pyle will be invited to the Workshop dinner then to welcome delegates to York and introduce Professor Bjorner.

ACTION RUNCIMAN/DUCE

John Cooke will be invited to close the Workshop.

ACTION DUCE

## 6. LOCAL ARRANGEMENTS

1. VAT exemption has been given for the Workshop.
2. D Simpson will be asked if he can arrange for a reception to be sponsored by (Miss) Prentice Hall. ACTION DUCE
3. A ceiling of £10 per head gross including wine and service was set for the Conference Dinner.
4. Maximum number quoted to the Conference Office are 65 residential and 20 non-residential. The latter is deliberately overgenerous to allow for contingencies. It was agreed that reservations for residence will be ordered at 60 to allow a reserve for the 5 key people we have forgotten to invite!
5. The following procedure was agreed for handling registrations and publicity.
  - i. For speakers and colleagues who have already indicated a desire to participate:
    - (a) DAD will send a list of these to CR and DS. ACTION DUCE
    - (b) CR will produce an invitation to register from which he will send to people on DAD's list. Replies will be returned to CR. ACTION RUNCIMAN
  - ii. For others a two stage process is involved:
    - (a) DS will produce a publicity brochure which he will mail to BCS FACS members who are not already participating and to a list of DCS and Software Technology grant holders active in the field and not already participating. This list will be supplied by DAD. ACTION DUCE  

The brochure should point out that "Holders of SERC grants under the Distributed Computing Systems Programme and Software Technology Initiative may use grant travel funds to attend this Workshop".
    - (b) CR will send invitations to register to those on this list. ACTION RUNCIMAN

Deadlines are:

Application to participate returned to DS by 7 February

Invitations to register to be returned to CR by 1 March

## 7. FINANCIAL DETAILS

SERC will pay travel and accommodation for speakers. Speakers will be sent claim forms for travel expenses. ACTION DUCE

DAD to discuss with John Boarder (FACS Treasurer) how best to pay speakers accommodation, and report to RJC and CR. ACTION DUCE

CR/John Boarder/DAD to clarify cost of speakers accommodation etc.

DAD to clarify how payments by delegates should be made, i.e. should cheques be payable to "BCS FACS". Can CR pay cheques into the FACS account? DAD to report to CR. ACTION DUCE

## 8. PREPRINTS OF WORKSHOP PAPERS

Papers are to be sent to DAD by 25 February. DAD to remind speakers. ACTION DUCE

CR would like preprints by 4 March to mail to participants. ACTION DUCE

## 9. PROCEEDINGS

BCS have an approved publisher (Heyden) who must be approached in the first instance. One immediate query is what is the likely cost if one copy is sent to each participant. RJC to talk to DS. ACTION RJC

## 10. NEXT MEETING

It was agreed that the Programme Committee will meet on the Sunday evening prior to the Workshop (27 March).