

FORMAL METHODS EUROPE

Minutes of 9th Meeting held at Philips Research in Eindhoven on 14 July 1994

Present : Martin Thomas
 Nico Plat
 Eric Delalonde
 Tim Denvir
 Angela Alapide
 Robin Bloomfield
 Albert Domingo i Melgosa
 Joan Viaplana
 Miguel Bertran
 Kees Pronk
 G Donners
 Jean Gelissen
 Erna Kiggen-Olislæggers
 Lois Feijs
 J.V. Amstel

Apologies: Jim Woodcock
 Peter Larsen
 Josep Garrell
Alexandro Moya
Professa Barth

The meeting was kindly hosted by Philips Research in Eindhoven. Members introduced themselves and those from Philips and CAP-Volma gave most encouraging accounts of the use of formal methods in their organisations.

1. Minutes of 8th meeting

These were accepted without comment.

2. Matters arising.

The following actions are completed:

- 7/7 file of case studies MCT
- 7/10 find a representative for Greece (Mr. S. Psonis) TD
- 8/1 arrange for poster session on standards at FME'94 TD
- 8/3 send required numbers of posters to Joan Viaplana all
- 8/4 arrange date of FME'96 with Jim Woodcock (17-22 March 1996) MCT
- 8/6 send speaker panel list to industrial representatives TD
- 8/7 arrange next meeting at Philips in Eindhoven MCT & E. Delalonde
- 8/8 write some hand-out material for distribution at conferences etc. (contact TD for copies of this) MCT

The following actions were carried forward:

- 8/2 See if someone from the CEU can talk about framework IV at FME'94 AM
- 8/5 Follow up a suggestion for a representative for Spain TD

3. **FME'94**

This promises to be most successful. Three speakers have been invited: Ralph Back from Abo Akademi, Fernando Meija from GEC Alstom who will talk about the formal development of railway signalling software, and Anthony Darlison from Lloyd's Register who will talk about the formal verification of nuclear power station control software. There is some doubt about the last talk as there may be difficulties with confidentiality issues.

38 papers were selected out of 121 submitted. More than 50 of these arrived a week or more after the published deadline. Nine tutorials were offered and all were accepted. They will take place in two tracks on the first two days. Seven industrial reports were submitted and accepted.

Springer-Verlag have agreed to publish the proceedings in the LNCS series.

15 tool demonstrations have been registered; more are under negotiation and this number may well expand to 18.

4. **FME '96**

Lady Margaret Hall, Oxford University has been booked for 17-22 March 1996. Jim Woodcock is in the process of composing a budget.

It has been proposed that Marie-Claude Gaudel who is chairing the IFIP WG 14.3 (Foundations of System Specifications) be invited to be programme chair of FME '96, and that this should be a joint event with IFIP WG 14.3. The importance of industrial experience in the FME conferences was emphasised. It was agreed to invite Marie-Claude Gaudel to be programme chair of FME '96, and to ask her and Jim Woodcock to work together to produce a theme, bearing in mind the need to emphasise industrial experience.

Action 9/1 MCT

5. **EWICS TC7**

Robin Bloomfield gave a presentation on the work of EWICS TC7 and its relevance to formal methods. Hand-outs accompanying his talk are attached to these minutes.

Martin Thomas encouraged the working together of FME and EWICS TC7.

6. **Other Business**

- A number of other actions arose during the course of the meeting:

- 9/2 send the e-mail addresses of the industrial representatives to Joan Viaplana TD
- 9/3 send nominations for a new FME chairman to Martin Thomas all
- 9/4 seek associate membership of CEPIS for FME TD
- 9/5 attempt to reduce the size of the newsletter mailing list by including a return slip with the next issue. TD

- The formal methods tools database should now be available by anonymous ftp from:

chopwell-newcastle.ac.uk

in directory:

/pub

in file-name:

fm_tools_db

- The VDM Forum is an electronic mailing list for those interested in the details of VDM, its more difficult questions etc. To join, send a mail message containing only the following in the body:

join vdm-forum <your name>

to: mailbase@mailbase.ac.uk

Your email address is picked up from the From line of your joining message. You will automatically be sent a reply telling you how to use the forum. Just send messages to vdm-forum@mailbase.ac.uk to broadcast something to the list.

6. Next meeting

This will be held during the FME '94 conference on Tuesday 25 October in the late afternoon.

Tim Denvir
secretary FME

20/7/94

Summary of Actions

Brought forward

8/2	See if someone can talk about Framework IV at FME'94	AM
8/5	Follow up suggestion for a Spanish industrial representative.	TD

New Actions

9/1	invite Marie-Claude Gaudel to be programme chair of FME '96, and to ask her and Jim Woodcock to work together to produce a theme, bearing in mind the need to emphasise industrial experience.	MCT
9/2	send the e-mail addresses of the industrial representatives to Joan Viaplana	TD
9/3	send nominations for a new FME chairman to Martin Thomas	all
9/4	seek associate membership of CEPIS for FME	TD
9/5	attempt to reduce the size of the newsletter mailing list by including a return slip with the next issue.	TD