



**Formal Methods Europe
Minutes of the 58th meeting
Held at the National University of Singapore, Singapore
16 May 2014**
www.fmeurope.org

Present at the meeting were:

- Bernhard Aichernig [TU Graz]
- Pedro Antonio [U. Federal de Pernambuco] (Not an FME member)
- Dines Bjørner
- Borzoo Bonakdarpour [U. of Waterloo] (Not an FME member)
- Ana Cavalcanti [U. of York]
- Jin Song Dong [National U. of Singapore]
- Lars-Henrik Eriksson [Uppsala U.]
- Bernd Finkbeiner [U. des Saarlandes] (Not an FME member)
- John Fitzgerald [Newcastle U.]
- Simon Foster [U. of York] (Not an FME member)
- Leo Freitas [Newcastle U.]
- Hiroshi Fujimoto [CATS Corporation] (Not an FME member)
- Mari Claude Gaudel [U. de Paris-Sud]
- Gudmund Grov [Heriot-Watt U.]
- Ian Hayes [U. of Queensland]
- Zhenjiang Hu [National Institute of Informatics – Japan]
- Fuyuki Ishikawa [National Institute of Informatics – Japan]
- Li Jiaying [Singapore U. of Technology]
- Randolph Johnson [Arundel System Logic]
- Cliff Jones [Newcastle U.]
- Sun Jun [Singapore U. of Technology] (Not an FME member)
- Naijun Khan [Institute of Software, Chinese Academy of Sciences] (Not an FME member)
- Peter Gorm Larsen [Aarhus U.]
- Yang Liu [Nanyang Technological U.] (Not an FME member)
- Chris Mariott [U. of York]
- Braulio Marques Horta [Embraer] (Not an FME member)
- Dominique Mery [U. de Lorraine]
- Cesar Munoz [NASA] (Not an FME member)
- Nico Plat [West Consulting]
- Pedro Ribeiro [U. of York]
- Jonas Rinast [TU Hamburg] (Not an FME member)
- Matteo Rossi [Politecnico di Milano]
- Augusto Sampaio [U. Federal de Pernambuco]
- Nguyen Truong Khanh [National U. of Singapore] (Not an FME member)
- Bruce Watson [Stellenbosch U.]
- James Welch [Oxford U.] (Not an FME member)
- Jim Woodcock [Trinity College Dublin]

Apologies had been received from: Alessandro Fantechi and Marcel Verhoef.

1 Welcome and agree upon agenda

Ana Cavalcanti welcomed the members present. She thanked the National University of Singapore for hosting the meeting. The agenda was agreed upon.

2 Minutes of the previous meeting and review of actions

The minutes of the Newcastle meeting had been circulated beforehand and no comments received.

Action 56/2: Lars-Henrik Eriksson to organise a consultation with the membership on FME directions.

In progress. Action continues.

Action 56/4: Lars-Henrik Eriksson to organise updating on documents on the web site.

In progress. Action continues.

Action 57/1: Ana Cavalcanti to investigate coordination of FM conferences.

Ana has begun discussions with other conferences. The response has been positive. Action continues.

Action 57/2: Erik de Vink and Jim Woodcock to report on a subcommittee for the FME awards.

Done. Action closed. See agenda item 5.

3 Report on FM'14

General chair Jin Song Dong reported on the attendance. The total number of registered participants was 159 of which 127 had paid registration fees.

Program committee co-chair Cliff Jones reported on the symposium programme and PC work. There were 150 submissions. 45 papers were accepted which is more than usual at an FM symposium. The acceptance ratio was 30%. 7 of the accepted papers were industrial papers.

Financial chair Liu Yang reported on the economic result. The organisers had secured SGD 16k in sponsorship and SGD 85k in registration fees. The expected expenditures amounted to SGD 72k, giving a surplus of SGD 29k. FME's share will be about EUR 10k.

4 Status report on FM'15

Peter Ölveczky reported on the planning for FM'15. The symposium will be held at the University of Oslo on June 22-26. The general chair is Einar Broch Johnsen and PC co-chairs are Frank de Boer and Nikolaj Bjørner.

5 FME awards

Jim Woodcock presented the plans for an FME award. See attached presentation slides. Cliff Jones suggested the addition of an "influential paper" award.

New action 58/1: Jim Woodcock to set up an FME awards committee.

6 FME endorsement of events

Ana Cavalcanti presented discussion within the FME board about the possibility of FME "endorsing" other FM-related events. In practise this would mean that endorsed events could use FME's web site and mailing lists to post announcements relating to the event.

7 FormaliSE

Nico Plat reported on the programme of the 2014 FormaliSE workshop to be held on June 3 in connection with ICSE in Hyderabad, India. See attached presentation slide. There have been 21 submissions of which about 40% were accepted after a review process with 3 reviewers of each paper. More than 35 participants have registered for the event.

The next FormaliSE workshop is planned for ICSE 2016 in Florence, Italy.

8 Date and place of next meeting

It was delegated to the board to decide on the date and place of the next meeting. Most likely it will be in Oslo in early January.

9 Other Business

Cesar Munoz suggested a joint NASA-FME conference in the future.

Summary of open actions

Action 56/2: Lars-Henrik Eriksson to organise a consultation with the membership on FME directions.

Action 56/4: Lars-Henrik Eriksson to organise updating on documents on the web site.

Action 57/1: Ana Cavalcanti to investigate coordination of FM conferences.

Action 58/1: Jim Woodcock to set up an FME awards committee.

FME Awards

Jim Woodcock & Erik de Vink

FME Board meeting

16th May 2014



FME Awards

Three levels

- ▶ prestigious lifetime achievement award (FME fellowship?)
- ▶ specific achievement awards (within last 5 years)
 - ▶ significant theoretical advance
 - ▶ significant formal methods tool
 - ▶ important industrial application or academic experiment
- ▶ FM Symposium best paper awards
 - ▶ best overall paper
 - ▶ best tools paper
 - ▶ best student paper



FME Awards

Procedures

- ▶ nominations from membership
- ▶ awards presented at FM Symposium
- ▶ awards committee:
 - ▶ FME board members
 - ▶ PC chairs
 - ▶ FME members
 - ▶ younger scientists and engineers
 - ▶ voting by membership?
- ▶ lifetime achievement keynote speech at symposium
- ▶ certificates for specific achievement and best paper awards



FME Awards

Issues for discussion

- ▶ how does this support goals of FME?
 - ▶ rewarding good work in formal methods
 - ▶ increased contact with membership
 - ▶ community building
 - ▶ publicity
- ▶ what are the costs?
 - ▶ keynote costs
 - ▶ perhaps no extra cost at all?
 - ▶ framed certificates
- ▶ start planning immediately for award at FM2015?
- ▶ what about the “backlog”?





Date: 3 June 2014
Location: Hyderabad, India
In conjunction with ICSE 2014
<http://2014.icse-conferences.org/>
FME representatives (OC and PC):
Stefania Gnesi and Nico Plat
<http://www.fmeurope.org/>

2012 (FormSERA)

Submissions: 16
Acceptance rate: 50%
Average rating: 0,8
3 reviews per paper

2013 (FormalISE)

Submissions: 25
Attendees: 25
Acceptance rate: 35%
Average rating: 1,2
4 reviews per paper

2014 (FormalISE)

Submissions: 21
Attendees: > 35
Acceptance rate: 40%
Average rating: 1,1
3 reviews per paper



Keynote by
Aditya Nori
(Microsoft Research,
India)

7-9 high quality
paper presentations
round table

FormalISE 2014

FME Workshop on Formal Methods in Software Engineering

www.formalise.org

