SEEFM'05

"Practical dimensions:
Challenges in the business world"
(www.seefm.info/seefm05)

Organized by:
City College (www.city.academic.gr)
South-Eastern European Research Center SEERC (www.seerc.info)

Ohrid, 18-19 November 2005
Satellite of 2nd Balkan Conference in Informatics (17-20 Nov 2005)
http://www.ii.edu.mk/BCI2005

1   Scope

The successful organisation of the 1st South-East European Workshop in Formal Methods that took place in Thessaloniki on the 20th of November 2003, fulfiled its goal by bringing people from SEE together, based on their common interest in Formal Methods. The aim of the 2nd workshop is to bring together more researchers of South-Eastern European countries and not only, who are interested in Formal Methods. More specifically, the workshop intents to establish a network of scientists in the wider Balkan area who are active in the field of Formal Methods. The theme of this workshop deals with the practical dimensions of formal methods, that is how formal methods can deal with the challenges in the business world, in order to facilitate practical development of dynamically evolving, correct and safe software systems.

2   Invited Speakers

- Prof. Jonathan Bowen, Professor of Computing, London South Bank University

  Title: Ten Commandments Ten Years On: An Assessment of Formal Methods Usage

- Prof. John Derrick, Professor of Computer Science, University of Sheffield

  Title: Applying model-checking techniques to verify fault-tolerant Erlang code

3   Topics

Topics include but are not restricted to:

- Specification and modelling techniques

- Formal Verification

- Model checking

- Testing with focus on changing requirements

- Testing from lightweight formal methods

- Design for test

- Tools for formal methods

- Application of formal methods in several domains

- Tool support with focus on industrial needs

- Experience from applying formal methods in real cases

- Theoretical foundations with a focus on lightweight Formal Methods

- Formal models for agile methodologies

- Reasoning about changing models

- Practical use and case studies from industrial practice

- Models of system transformation

- Models of emergent behaviour and intelligent agents

- Models for mobile systems

- Formal methods and team work

- Formal methods in education

4 Information for authors

For uniformity, authors are asked to prepare a paper of no more than 15 pages to be sent to the programme secretariat: `seefm05_secretariat@city.academic.gr` . You are strongly encouraged to use LaTeX2e or LaTeX 2.09 for the preparation of your manuscript using the Springer standard. Guidelines can be downloaded from:

`http://www.springer.de/comp/lncs/authors.html`

Authors are requested to send their paper in postscript or pdf format. They should also provide a separate page with the title of the paper, their names, affiliation and the abstract before the submission of the paper (see Important Dates section).

Authors are strongly encouraged to use the LaTeX2e style file and NOT the Word style file. Papers will be peer reviewed.

5 Important dates

SUBMISSION OF ABSTRACTS 21 June 2005 (closed)

SUBMISSION OF PAPERS 28 June 2005 (closed)

NOTIFICATION OF ACCEPTANCE 5 September 2005

FINAL PAPERS 26 September 2005

FINAL PROGRAMME 15 October 2005

WORKSHOP 18-19 November 2005

6 Committees

6.1 PROGRAMME CO-CHAIRS

- G. Eleftherakis (City College) `eleftherakis@city.academic.gr`

- K. Zdravkova (Sts. Cyril and Methodius University) `keti@ii.edu.mk`

6.2 PROGRAMME COMMITTEE

- T. Balanescu (University of Pitesti)
- F. Belli (University of Paderborn)
- E. Berki (University of Jyvaskyla)
- N. Bogunovic (University of Zagreb)
- C. Calude (University of Auckland)
- G. Ciobanu (Romanian Academy of Sciences)
- A. Cowling (University of Sheffield)
- J. Derrick (University of Sheffield)
- D. Dranidis (City College)
- A. Eskenazi (Bulgarian Academy of Sciences)
- H. Georgescu (University of Bucharest)
- M. Gheorghe (University of Sheffield)
- D. Guelev (Bulgarian Academy of Sciences)
- J. Hall (Open University, UK)
- C. Hartonas (TEI Larissa)
- M. Holcombe (University of Sheffield)
- F. Ipate (University of Pitesti)
- M. Ivanovic (University of Novi Sad)
- T. Jebelean (Johannes Kepler University, Institute e-Austria)
- T. Kapus (University of Maribor)
- P. Kefalas (CITY college)
- E. Kehris (TEI Serres)
- D. Kleftouris (TEI Thessaloniki)
- H. Oguztuzun (Middle East Technical University)
- A. Sotiriadou (City College)
- I. Stamelos (Aristotle University Thessaloniki)
- M. Ufuk Caglayan (Bogazici University)
- M. Velev (Reservoir Labs)
- M. Wirsing (Ludwig-Maximilians University of Munich)
- H. Yenigun (Sabanci University)

6.3 LOCAL ORGANISING COMMITTEE

- Margita Kon-Popovska (Sts. Cyril and Methodius University)

6.4 SECRETARIAT

- I. Stamatopoulou (SEERC, Greece) `istamatopoulou@seerc.info`
  `seefm05_secretariat@city.academic.gr`

7 Workshop Information

7.1 OFFICIAL LANGUAGE

The official language of the workshop is English.

7.2 PROCEEDINGS

The proceedings will be published as an edited volume under the title: "Formal Methods: Challenges in the business world" by SEERC. It is anticipated that every effort will be made so that a post-proceedings volume will be published as special issue of a journal. The latter will assume that a number of papers selected will be peer reviewed once more.

7.3 SPONSORS

The workshop is sponsored by BCS-FACS (`http://www.bcs-facs.org/`):

- Best Paper / Student presentation prizes of one year's FACS membership and one year's subscription to the FAC journal.

- A student bursary of up to 150 pounds to help with attendance and presentation at SEEFM by a researcher based in the UK but with South East Europe connections.

7.4 LOCATION

The workshop will take place at `Ohrid` (FYR of Macedonia), which is the only city protected by UNESCO in the wider neighbourhood. Two airports are not far from Ohrid: Ohrid Airport (15 km, 15 minutes from the city), Skopje Airport (170 km, 2 hours). Also someone could come through Greece using Thessaloniki's airport (250 km, 3 hours).

8 Sponsors

The workshop is sponsored by BCS-FACS (`http://www.bcs-facs.org/`)

8.1 AWARDS

- Best Paper prize of one year's FACS membership and one year's subscription to the FAC journal.

- Best Student presentation prize of one year's FACS membership and one year's subscription to the FAC journal.

8.2 BURSARIES

- A student bursary of up to 150 pounds to help with attendance and presentation at SEEFM by a researcher based in the UK but with South East Europe connections. Applications should be made by completing the appropriate `form` and send it by email to seefm secretariat by 30 August 2005.

9 Registration

Application for participation should be made at least one month in advance. There is no registration fee but the number of participants will be limited. To register visit the workshop's website.

Coffee breaks and refreshments will be available throughout the workshop.

10 Contact information

10.1 SECRETARIAT

`seefm05_secretariat@city.academic.gr`

10.2 WORKSHOP HOME PAGE

http://www.seefm.info/seefm05/