Minutes from the MLQA 2011 Meeting

1. Introduction

The third annual meeting of the MLQA working group took place on September 5, 2011 in Aachen – colocated with CONCUR and QEST. The event consisted of a number of invited talks, a poster session, a business meeting and a small thematic working group.

The aim of the MLQA workshop was to bring together experts in areas like process algebras, stochastic differential equations, fluid-flow techniques for process algebras, for queueing networks or Petri nets, stochastic hybrid systems, both from the theoretical foundations point of view and from that of the applications.

2. The Scientific Programme at a glance

- J.Y. Le Boudec, *ODEs and discrete simulation*
- J. Hillston, *Stochastic process algebras and ODEs*
- L. Bortolussi, *On the Relationship between ODE, Simulation and Stochastic Process Algebras*
- V. Wolf, *Stochastic Hybrid Analysis of Markov Population Models*
- J. Desharnais, *Approximation of continuous space systems and associated metrics and logics*
- *MLQA business meeting*, chaired by Flemming Nielson
- Small Thematic Working Group: *Hidden Markov Chains and the languages/logics*, convened by Flemming Nielson

Further details at http://wiki.ercim.eu/wg/MLQA/index.php/MLQA_2011

3. The Business Meeting

Flemming Nielson gave an overview of ERCIM, the aims of MLQA and the expectations of an ERCIM Working Group: annual meetings, mobility of young researchers, and the formulation of EU proposals.

A general discussion took place among the members about expectations to MLQA and its activities; below are some of the key points of view.

- It was suggested to colocate meetings with industrial venues in order to invite speakers from Industry with problems to be solved.

- Some concrete possibilities for the venue of the next MLQA meeting were discussed.
- The younger researchers tended to favour if MLQA would think about peer review of posters or papers, perhaps best dissertation awards, and to include papers and posters in the proceedings of the conference cluster.
- The more senior researchers tended to favour a more informal style putting more emphasis on tutorials and new challenging ideas.
- The idea of having themes was found very useful and it was suggested that it might be useful to report on progress on the themes of previous meetings.

Finally, MLQA elected a Chair that reports to ERCIM,

- Flemming Nielson

and a Steering Committee to ensure that the many good suggestions of the previous discussion can be put into action:

- Flemming Nielson (Chair)
- Diego Latella
- Jane Hillston
- Herbert Wiklicky
- Erik de Vink

We would like to thank Joost-Pieter Katoen (who decided to step down) and Catuscia Palamidessi (who did not confirm her candidature) for their service to the steering committee during the past year.

4. Attendees

The meeting was attended by the following scientists:

First Name	Surname	Affiliation
Lorenzo	Clemente	LFCS Edinburgh
Alireza	Pouranjbar	LFCS Edinburgh
Flemming	Nielson	DTU Informatics
Catuscia	Palamidessi	INRIA
Ender	Yuksel	DTU Informatics
Nataliya	Skrypnyuk	DTU Informatics
Erik	De Vink	TU/e
Michael	Smith	DTU Informatics
Jose	Desharnais	Laval University, Canada
Herbert	Wiklickly	Imperial College
Luca	Bortolussi	Univ. of Trieste
Vashti	Galpin	LFCS Edinburgh
Michele	Loretti	Univ. of Firenze
Mirco	Tribastone	LMU

Jane	Hillston	LFCS Edinburgh
Mieke	Massink	CNR-ISTI
Diego	Latella	CNR-ISTI
Jean-Yves	Le Boudec	EPFL
Verena	Wolf	Saarland Univ.
Michel	Reniers	TU/e
Damian	Nadales	TU/e

Flemming Nielson

Chair of MLQA