MOCA'06

Fourth Workshop on Modelling of Objects, Components and Agents

Turku, Finland, June 26, 2006

organised by the "Theoretical Foundations of Computer Science" Group at the University of Hamburg

Deadlines

Submissions: April 3
Notification: April 30
Final papers: May 29
Registration: May 29

Contact

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Invited Speaker

Petri Nets and Model Based Development

Fabrice Kordon, *University Pierre and Marie Curie.*

Programme Commitee

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The use of adequate concepts at different stages of the development process is of crucial importance for the successful realisation of complex systems. The characteristics of these systems are that they contain interacting as well as reactive software and hardware components. Within this context the model-based specification of applications is of special interest. Models can be built in different manners and can be regarded with respect to different facets: techniques, methods, tools, basic principles, paradigms, resources, application areas etc.

Central and widely used structuring notions are objects, components and agents. In Petri-net-based approaches the modelling process and its products are often directly related to these three notions. While Petri nets are already used in several areas, their relation to practically used paradigms are not completely clear.

Contributions describing original research in topics related to Petri nets in combination with object-orientation, components, or agents addressing open problems or presenting new ideas regarding the relation of Petri nets and the three paradigms are sought. Topics of interest include but are not limited to:

- Objects
- Components
- Agents
- Petri nets
- Modelling
- Tools
- Simulation
- Validation
- Verification

Submissions

The program committee invites submissions of full contributions (10 - 20 pages) or short contributions (up to 5 pages). For your submission in PostScript or PDF format please use the online conference management system at

https://www.informatik.uni-hamburg.de/TGI/events/moca06/conftool/index.php

Accepted papers will be included in the workshop proceedings which will appear as a technical report of the Department of Informatics, University of Hamburg, and which will be available at the workshop.

It is planned to publish post proceedings after a further review process in a book, dedicated to the workshop topics.

For further information about MOCA'06 take a look at

http://www.informatik.uni-hamburg.de/TGI/events/moca06/