CALL FOR TUTORIAL PAPERS

4th International Symposium on Formal Methods for Objects and Components (FMCO 2005)

CWI, Amsterdam
The Netherlands

http://fmco.liacs.nl/fmco05.html

The FMCO symposium is an annual international event on the application and development of formal methods in software engineering, with a special focus on component-based and object-oriented software systems. We invite submissions of tutorial papers on topics that fit under that rubric. Suggested, but not exclusive, topics of interest for submissions include: models and logics for object-oriented and component-based systems; formal aspects of analysis of large systems; prediction, analysis and monitoring of extra-functional system properties; applications of modal logics, temporal logics, and model checking for the specification and verification of object-oriented languages; type systems and type theory for objects and components; probabilistic systems, process calculi, and semantics of object and component oriented languages; reasoning about security, trustworthiness and dependability of component-based systems.

Important Dates:
Authors are invited to submit a title and a short abstract of one or two pages providing a tutorial perspective on research results or experiences related to the topics above. Accepted abstracts will be presented at the symposium and a related tutorial paper of about 20 pages in LNCS style will be refereed and eventually published together with the contributions of the keynote speakers after the symposium, in a proceeding of Lecture Notes in Computer Science by Springer-Verlag. Selected papers will be published in revised and extended version in the Elsevier journal Theoretical Computer Science.

Title and short abstract due: 5th September 2005
Author notification: 1st October 2005
Symposium: 1-4 November 2005

Camera-ready paper due: 15th May 2006

Important Dates:
Tutorial paper due: 28th February 2006
Author notification: 15th April 2006

The short abstracts must be in English and provide sufficient details to allow the organizing committee and the advisory board to assess the merits of the related tutorial papers. One author of each accepted abstract will be expected to present the tutorial at the symposium. The tutorial papers must be unpublished and not submitted for publication, but may contain previously published material. Short abstracts and tutorial papers must be submitted electronically to F.S. de Boer (frb@cwi.nl) or M.M. Bonsangue (marcello@liacs.nl).

Format
The symposium is a four days event organised to provide an atmosphere that fosters collaborative work, discussions and interactions. Lectures are given by the keynote speakers listed below and by authors of accepted tutorial papers.

Keynote speakers and advisory board
Michael Barnett (Microsoft, USA)
Luís Caires (New University of Lisbon, PT)
Patrick Cousot (ENS, FR)
Dennis Dams (Bell Labs, USA)
Wan Fokkink (Free University, NL)
Orna Grumberg (Technion, ISR)
Joost-Pieter Katoen (RWTH Aachen, DE)
Kung-Kiu Lau (University of Manchester, UK)
Peter O’Hearn (Queen Mary University of London, UK)
Arnd Poetzsch-Heffter (University of Kaiserslautern, DE)
John Reynolds (Carnegie Mellon University, USA)
Davide Sangiorgi (University of Bologna, IT)

Organizing committee
F.S. de Boer (CWI and LIACS-Leiden University)
M.M. Bonsangue (LIACS-Leiden University)
S. Graf (Verimag)
W.-P. de Roever (Christian-Albrechts University of Kiel)

Sponsorship
The symposium is sponsored by NWO, CWI, and LIACS.

For more information about the symposium see the FMCO site above or consult either F.S. de Boer (frb@cwi.nl) or M.M. Bonsangue (marcello@liacs.nl).