ASM Workshop at the EUROCAST 2001

8th International Conference on Computer Aided Systems Theory

Formal Methods and Tools for Computer Science

Las Palmas de Gran Canaria, Canary Islands, Spain, Feb. 19-23, 2001

Programme Co-Chairs

Egon Börger
Uwe Glässer

Invited Speakers

E. Börger (Università di Pisa)
Y. Gurevich (Microsoft)
J. Sifakis (VERIMAG)

Programme Committee

E. Börger (Italy)
U. Glässer (Germany)
R. Gotzhein (Germany)
S. Graf (France)
Y. Gurevich (USA)
P. Päppinghaus (Germany)
A. Slissenko (France)
J. Teich (Germany)
L. Thiele (Switzerland)
W. Zimmermann (Germany)

IMPORTANT DATES

Deadline for extended abstracts:
October 31st, 2000

Notification of acceptance:
December 1st, 2000

Deadline for paper submissions:
April 30th, 2001

GENERAL INFORMATION

The ASM Workshop is an integral part of the EUROCAST 2001 Conference (see www.ulpgc.es/congresos/eurocast2001/).

UPDATED INFORMATION

See www.upb.de/cs/asm/ws2001/

CALL FOR PAPERS

Abstract State Machines (*ASMs*) provide a rich framework for formalizing complex system behavior at arbitrary abstraction levels. For the ASM 2001 Workshop, the 8th in the series of international ASM workshops (see www.upb.de/cs/asm/ws/), we solicit unpublished contributions (also preliminary reports on ongoing research) on fundamentals of the ASM method and its applications in all areas of software and systems engineering. Of particular interest are advanced techniques and supporting tools for the *design, specification, refinement, verification* and *analysis* of complex HW/SW systems, system description languages, programming languages, and communication protocols.

Conference Proceedings

It is anticipated that the final selected full papers will be published (in line with prior EUROCAST meetings) as Springer LNCS volume.

Journal Publication for Best Papers

Additionally, after the workshop some best papers will be selected and their authors will be invited to contribute to a special ASM issue of Springer's *Journal of Universal Computer Science* (JUCS), to appear in the Winter of 2001.

Submission of Extended Abstracts and Full Papers

Submit an extended abstract of at most 1000 words in English before October 31st, 2000 to the address given below. Full papers are due after the conference and should be sent to the below address before April 30th, 2001. All submissions must be sent electronically using MS Word or standard Postcript format.

Dr. Uwe Glässer
Heinz Nixdorf Institute, University of Paderborn
Department of Mathematics and Computer Science
Paderborn, Germany, glaesser@uni-paderborn.de
Visiting Microsoft Research, Nov. 2000 – Oct. 2001

Sponsored by Microsoft Research

Student participants and participants from Eastern European countries who's contribution is accepted for presentation at the ASM 2001 Workshop may apply for partial funding in case that their institution cannot provide appropriate funding. For further details, contact the organizers.