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Stamatis Vassiliadis
Mladen Bereković
Timo D. Härmäläinen (Eds.)

Embedded Computer Systems: Architectures, Modeling, and Simulation

7th International Workshop, SAMOS 2007
Samos, Greece, July 2007
Proceedings



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In Memoriam Stamatis Vassiliadis (1951 - 2007)

Integrity was his compass Science his instrument Advancement of humanity his final goal
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Stamatis Vassiliadis

Professor at Delft University of Technology
IEEE Fellow - ACM Fellow
Member of the Dutch Academy of Sciences - KNAW

passed away on April 7th, 2007.

He was an outstanding computer scientist and due to his vivid and hearty manner he was a good friend to all of us.

Born in Manolates on Samos (Greece) he established in 2001 the successful series of SAMOS conferences and workshops.

These series will not be the same without him.

We will keep him in our hearts and we are with his family in these mournful days.

Preface

Stamatis Vassiliadis established the SAMOS workshop in the year 2001—an event which combines his devotion to computer engineering and his pride for Samos, the island where he was born. The quiet and inspiring northern mountainside of this Mediterranean island together with his enthusiasm and warmth created a unique atmosphere that made this event so successful. Stamatis Vassiliadis passed away on Saturday, April 7, 2007. The research community wants to express its gratitude to him for the creation of the SAMOS workshop, which will not be the same without him. We would like to dedicate this proceedings volume to the memory of Stamatis Vassiliadis.

The SAMOS workshop is an international gathering of highly qualified researchers from academia and industry, sharing their ideas during a 3-day lively discussion. The workshop meeting is one of two colocated events—the other event being the IC-SAMOS. The workshop is unique in the sense that not only solved research problems are presented and discussed but also (partly) unsolved problems and in-depth topical reviews can be unleashed in the scientific arena. Consequently, the workshop provides the participants with an environment where collaboration rather than competition is fostered.

SAMOS VII followed the series of workshops started in 2001 in a new expanded program. This year there were also two parallel sessions for current and foreseen topics. The SAMOS VII workshop attracted a total of 116 papers. We are grateful to all authors who submitted their papers. They came from 27 countries and regions: Austria(1), Belgium(4), Brazil(5), Canada(2), China(4), Croatia(1), Czech Republic(3), Finland(11), France(2), Germany(7), Greece(2), Hong Kong(1), India(4), Ireland(3), Italy(2), Japan(2), The Netherlands(9), Portugal(1), Republic of Korea(21), Republic of Singapore(2), Romania(1), Spain(7), Sweden(2), Taiwan(1), Turkey(5), UK(2), and USA(9).

All papers went through a rigorous reviewing process and each paper received at least three individual reviews, with an average of four reviews per paper. Due to time constraints in the workshop program and the high quality of the submitted papers, the selection process was very competitive and many qualified papers could not be accepted. Only 44 out of the 116 submissions could be accepted, which results in an acceptance rate of 38%. The program also included two keynote speeches by Willie Anderson, VP DSP Qualcomm, and Jos Huiskens from Silicon Hive, The Netherlands.

A workshop like this cannot be organized without the help of many other people. Therefore, we thank the members of the Steering and Program Committees and the external referees for their dedication and diligence in selecting the technical presentations. The investment of their time and insight is very much appreciated. We would like to express our sincere gratitude to Sebastian Isaza and Elena Moscu Panainte for maintaining the Web site and paper submission

system, and Arjan van Genderen and Carlo Galuzzi for preparing the workshop proceedings. We thank Lidwina Tromp and Karin Vassiliadis for their support in organizing the workshop.

We hope that the attendees enjoyed the SAMOS VII workshop in all its aspects, including many informal discussions and gatherings.

June 2007

Mladen Berekovic
Timo D. Hämmäläinen

Organization

The SAMOS VII workshop took place during July 16 – 19, 2007 at the Research and Teaching Institute of East Aegean (INEAG) in Agios Konstantinos on the island of Samos, Greece.

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