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Computer Systems: Architectures, Modeling, and Simulation

Third and Fourth International Workshops
SAMOS 2003 and SAMOS 2004
Samos, Greece, July 21-23, 2003 and July 19-21, 2004
Proceedings

Springer

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Preface

The SAMOS workshop is an international gathering of highly qualified researchers from academia and industry, sharing in a 3-day lively discussion on the quiet and inspiring northern mountainside of the Mediterranean island of Samos. As a tradition, the workshop features plenary presentations in the morning, while after lunch all kinds of informal discussions and nut cracking gatherings take place. 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.

This fourth edition of the SAMOS workshop developed into a highly interesting event with a program that consisted of 36 paper presentations as well as a keynote speech by Kees Vissers from Xilinx Research. The paper authors represented 12 different countries, the USA, UK, Canada, Brazil, Germany, France, Spain, Finland, Belgium, Portugal, Greece and The Netherlands. The presentations were divided into three tracks: reconfigurable computing, architecture and implementation, and system modeling and simulation. We believe that all three tracks showed high-quality, state-of-the-art research in their respective fields.

Besides the papers from SAMOS IV, this proceedings also features numerous papers from the SAMOS III workshop. As the SAMOS III edition did not have a well-established proceedings mechanism, we decided to give the authors from last year's edition the opportunity to formally publish their papers in this proceedings.

A workshop like this cannot be organized without the help of many other people. We therefore want to thank the members of the Steering and Program Committees as well as the General Chair for their assistance in the organization and the review process for both the SAMOS III and IV papers that are included in this proceedings. Furthermore, we would like to express our sincere gratitude to Iosif Antochi who prepared the proceedings and to Lidwina Tromp for her support in organizing both the SAMOS III and IV workshops.

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

July 2004

Andy Pimentel
Stamatis Vassiliadis

Organization

The workshop SAMOS IV took place during July 19–21, 2004 at the Research and Teaching Institute of East Aegean (INEAG) in Agios Konstantinos on the island of Samos, Greece.

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